_ocation	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LLINOIS, Northwest				
IANCOCK COUNTY 2.1 E FOUN	ITAIN GREEN (40 48 -90 93)			
	08/04/09 03:35 CST		0	Hail (1.25 in)
	08/04/09 03:35 CST		0	Source: Trained Spotter
alf dollar-sized hail fell about 2 mile	es east of Fountain Green, IL around 435 a	am August 4.		·
IANCOCK COUNTY 2.3 NNE HA	AMILTON [40.43, -91.33] 08/04/09 06:00 CST		0	Thundaratorm Wind (EC 52 kt)
			0	Thunderstorm Wind (EG 52 kt)
	08/04/09 06:00 CST			Source: Trained Spotter
/ind gusts estimated to be 60 mph	were observed about 2 miles north northea	ast of Hamilton, IL	around 700 am Au	gust 4.
ICDONOUGH COUNTY 2.5 E DO	ODDSVILLE [40.28, -90.60]			
	08/04/09 06:30 CST		25K	Thunderstorm Wind (EG 56 kt)
	08/04/09 06:30 CST		0	Source: Law Enforcement
/ind gusts estimated to be 65 mph 7 near the McDonough/Schuyler co	blew a barn down about 3 miles south of Ir ounty line.	ndustry, IL around	730 am August 4.	The farmstead was located on Highway
VARREN COUNTY KIRKWOOD	[40.87, -90.75]			
	08/04/09 06:59 CST		0	Thunderstorm Wind (EG 52 kt)
	08/04/09 06:59 CST		0	Source: Trained Spotter
Showers and thunderstorms move dropped southward into northern Mand hail up to one and a quarter incorevailed across the area with som	mph were observed in Kirkwood, IL around across areas south of Highway 34 duri Missouri and central Illinois. Some of the ches in diameter. Some localized heavy in the patchy areas of dense fog with visibility of Jover 70s courts of Highway 34.	ng the early morn storms were seve rains were also ob	ing hours of Augu ere, producing win eserved. Otherwise	nd gusts over 58 mph e, muggy conditions
Showers and thunderstorms move dropped southward into northern N and hail up to one and a quarter inc prevailed across the area with som the middle 50s near Dubuque to the	ed across areas south of Highway 34 duri Missouri and central Illinois. Some of the ches in diameter. Some localized heavy in the patchy areas of dense fog with visibility e lower 70s south of Highway 34.	ng the early morn storms were seve rains were also ob	ing hours of Augu ere, producing win eserved. Otherwise	nd gusts over 58 mph e, muggy conditions
chowers and thunderstorms move ropped southward into northern N nd hail up to one and a quarter inc revailed across the area with som ne middle 50s near Dubuque to the	ed across areas south of Highway 34 duri Missouri and central Illinois. Some of the ches in diameter. Some localized heavy in the patchy areas of dense fog with visibility the lower 70s south of Highway 34.	ng the early morn storms were seve rains were also ob	ing hours of Augu ere, producing win served. Otherwise er mile. Low tempo	nd gusts over 58 mph e, muggy conditions eratures ranged from
chowers and thunderstorms move ropped southward into northern N nd hail up to one and a quarter inc revailed across the area with som ne middle 50s near Dubuque to the	ed across areas south of Highway 34 duri Missouri and central Illinois. Some of the ches in diameter. Some localized heavy in the patchy areas of dense fog with visibility e lower 70s south of Highway 34.	ng the early morn storms were seve rains were also ob	ing hours of Augu ere, producing win eserved. Otherwise	nd gusts over 58 mph e, muggy conditions
Showers and thunderstorms move fropped southward into northern M nd hail up to one and a quarter ind prevailed across the area with som the middle 50s near Dubuque to the SIENRY COUNTY 0.5 E GALVA [4	ed across areas south of Highway 34 duri Missouri and central Illinois. Some of the ches in diameter. Some localized heavy in the patchy areas of dense fog with visibility the lower 70s south of Highway 34.	ng the early morn storms were seve rains were also ob ties under a quart	ing hours of Auguere, producing win served. Otherwise er mile. Low tempo 5K 0	ad gusts over 58 mph e, muggy conditions eratures ranged from Lightning Source: Trained Spotter
chowers and thunderstorms move ropped southward into northern M and hail up to one and a quarter increvailed across the area with some middle 50s near Dubuque to the ENRY COUNTY 0.5 E GALVA [4]	d across areas south of Highway 34 duri Missouri and central Illinois. Some of the ches in diameter. Some localized heavy in the patchy areas of dense fog with visibility e lower 70s south of Highway 34. 41.17, -90.04] 08/07/09 11:14 CST 08/07/09 11:14 CST	ng the early morn storms were seve rains were also ob ties under a quarte	ing hours of Auguere, producing win eserved. Otherwise er mile. Low tempo 5K 0	ad gusts over 58 mph e, muggy conditions eratures ranged from Lightning Source: Trained Spotter east side of town.
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Showers and thunderstorms move dropped southward into northern Mand hail up to one and a quarter into prevailed across the area with some he middle 50s near Dubuque to the HENRY COUNTY 0.5 E GALVA [4]. Lightning struck a transformer in Galuightning struck a transfo	d across areas south of Highway 34 duri Missouri and central Illinois. Some of the ches in diameter. Some localized heavy in the patchy areas of dense fog with visibility the lower 70s south of Highway 34. 41.17, -90.04] 08/07/09 11:14 CST 08/07/09 11:14 CST 11:14 CST 08/07/09 11:14 CST 12:14 PM August 7. A power 13-15 Balva, IL around 1214 pm August 7. A power 14.16 Galva, IL around 1214 pm August 7. A power 15-16 Galva, IL around 1214 pm August 7. A power 16-17 Galva, IL around 1214 pm August 7. A power 17-18 Galva, IL around 1214 pm August 7. A power 18-18 Galva, IL around 1214 pm August 7. A power 18-19 Galva, IL around 1214	ng the early morn storms were several so obties under a quarter outage was observer outage was of tree limbs in Apple 2.5 W APPLE RIV	ing hours of August Served on the souther been don't be reved on the souther been don't be reved on the souther been don't be reved on the souther been don't be revening of August Served on Served on the souther been don't be revening of August Served on Served road	Lightning Source: Trained Spotter ast side of town. Thunderstorm Wind (EG 56 kt) Source: Trained Spotter 52 pm August 9. 1.4 N WOODBINE [42.35, -90.15], 1.0 E Flash Flood (due to Heavy Rain) Source: COOP Observer 9. Some roads and culverts near is.
Showers and thunderstorms move dropped southward into northern Mand hail up to one and a quarter into prevailed across the area with some he middle 50s near Dubuque to the HENRY COUNTY 0.5 E GALVA [4]. Lightning struck a transformer in Galuightning struck a transfo	In a count of Highway 34 during the discrete series of the ches in diameter. Some localized heavy in the patchy areas of dense fog with visibilities and country of Highway 34. 41.17, -90.04] 08/07/09 11:14 CST 08/07/09 11:14 CST 08/07/09 11:14 CST Iva, IL around 1214 pm August 7. A power of the country	ng the early morn storms were several so obties under a quarter outage was observer outage was of tree limbs in Apple 2.5 W APPLE RIV	ing hours of August sere, producing win served. Otherwise or mile. Low temporary of the souther souther served on the served o	Lightning Source: Trained Spotter ast side of town. Thunderstorm Wind (EG 56 kt) Source: Trained Spotter 52 pm August 9. 1.4 N WOODBINE [42.35, -90.15], 1.0 E Flash Flood (due to Heavy Rain) Source: COOP Observer

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HENDERSON COUNTY 2.2 WSW ROZETTA [40.94, -90.91] 0809090 19.45 CST 0809090 19.45 CST 0809090 19.45 CST 0809090 20.00 CS	Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Wind guists astimated to be 60 mph blow down some trees about 2 miles east of Oquawka, It around 845 pm August 9. HENDERSON COUNTY 2.3 SSW BALD BLUFF [40.98, -90.87]	HENDERSON COUNTY 2.2 WSW ROZET				
Wind gusts estimated to be 60 mph blew down some trees about 2 miles east of Oquawka, it. around 845 pm August 9. HENDERSON COUNTY — 2.3 SSW BALD BLUFF [40.98, -90.87]					,
HENDERSON COUNTY 2.3 SSW BALD BLUFF [40.29, -90.87] 0809099 20:00 CST 0 Source: Trained Spotter Wind gusts estimated to be 50 to 60 mph were observed about 5 miles northeast of Oquawka, IL around 900 pm August 9. WARREN COUNTY 3.7 NNW LITTLE YORK [41.67, -90.78], 1.2 N SHAW [41.67, -90.63], 1.4 S MONMOUTH [40.90, -90.63], 2.8 NW KIRKWOOD [40.90, -90.78] 0809099 20:00 CST 0 Flash Flood (due to Heavy Rain) 0809099 22:00 CST 0 Source: Trained Spotter 10 Source: Trained Spotter 10 Source: Trained Spotter 10 Source: Trained Spotter 11 See years are sealted in some flash flooding of parts of Warren County during the late evening of August 9. Flood waters covered several roads in the reincitity of Little York, IL. Flood waters were 1 to 1.5 feet deep over a portion of Route 135 about 1.5 miles south of Little York, IL. 12 SULFPORT [40.85, -91.09] 0809090 20:25 CST 0 Flash Flood (due to Heavy Rain) 0809090 22:25 CST 0 Flash Flood (due to Heavy Rain) 0809090 22:25 CST 0 Source: Trained Spotter 12 Source: Trained Spotter 13 Source: Trained Spotter 14 Source: Trained Spotter 14 Source: Trained Spotter 15 Source: Trained Spotter 16 Source: Trained Spotter 16 Source: Trained Spotter 17 Source: Trained Spotter 18 Source: Trained Spotter 18 Source: Trained Spotter 19 Source: Trained Spotter 10 DANIESS COUNTY 1.5 W COUNCIL HILL [42.45, -90.35], 2.1 SSW SCALES MCUND [42.45, -90.26], 2.5 SE GUIL-FORD [42.40, -90.26], 2.9 WSW 3ULFORD [42.40, -90.35] 10 Source: Trained Spotter 10 Source: Trained Spo		08/09/09 19:45 CST		0	Source: Emergency Manager
OBJOBING 20:00 CST 0 Thunderstorm Wind (EG 52 kt) OBJOBING 20:00 CST 0 Source: Trained Spotter Source: Trained Spotter ObjOBING 20:00 CST 0 Source: Trained Spotter ObjOBING 20:00 CST 0 Source: Trained Spotter ObjOBING 20:00 CST 0 Flash Flood (due to Heavy Rain) OBJOBING 22:00 CST 0 Flash Flood (due to Heavy Rain) OBJOBING 22:00 CST 0 Source: Trained Spotter ObjOBING 22:00 CST 0 Flash Flood (due to Heavy Rain) ObjOBING 22:00 CST 0 Flash Flood (due to Heavy Rain) ObjOBING 22:00 CST 0 Source: Trained Spotter ObjOB	Vind gusts estimated to be 60 mph blew dov	vn some trees about 2 miles east	of Oquawka, IL are	ound 845 pm Augu	st 9.
08/09/09 20:00 CST 0 Source: Trained Spotter Wind gusts estimated to be 50 to 60 mph were observed about 5 miles northeast of Oquawka, IL around 900 pm August 9. WARREN COUNTY 3.7 NNW LITTLE YORK [41.07, -90.78], 1.2 N SHAW [41.07, -90.63], 1.4 S MONMOUTH [40.90, -90.63], 2.8 NW KIRKWOOD [40.90, 99.78] 08/09/09 20:03 CST 0 Flash Flood (due to Heavy Rain) 08/09/09 22:00 CST 0 Source: Trained Spotter Heavy rains resulted in some flash flooding of parts of Warren County during the late evening of August 9. Flood waters covered several roads in the richirity of Little York, IL. Flood waters were 1 to 1.5 feet deep over a portion of Route 135 about 1.5 miles south of Little York, IL. HENDERSON COUNTY 1.3 WSW BIG RIVER ST FOREST [41.02, -90.94], 2.6 E BALD BLUFF [41.02, -90.80], 3.7 E BIGGSVILLE [40.85, -90.80], 2.3 NNE BULFPORT [40.85, -91.06] 08/09/09 22-52 CST 0 Flash Flood (due to Heavy Rain) 08/09/09 22-52 CST 0 Source: Trained Spotter Heavy rains resulted in some flash flooding of parts of Henderson County during the late evening of August 9. Parts of Highways 94 and 164 were under water in the Oquawka, IL area. 10 DAVIESS COUNTY 1.5 W COUNCIL HILL [42.45, -90.35], 2.1 SSW SCALES MOUND [42.45, -90.26], 2.5 SE GUILFORD [42.40, -90.26], 2.9 WSW 3ULFORD [42.40, -90.35] 08/09/09 21.45 CST 0 Source: Trained Spotter Heavy rains resulted in flash flooding of some roads in the vicinity of Guilford, IL during the late evening of August 9. 4 Cold front stretching across the upper Midwest, coupled with warm moist air streaming northward across the area, brought scattered showers and isolated thunderstorms to portions of east central lows and northern Illinois during the midday hours August 9. 30 Jale afternoon, showers and biolated thunderstorms began to redevelop along the cold front in western lows and spread eastward into the lift-Mississippi Valley. 30 Jale afternoon, showers and biolated thunderstorms began to redevelop along the cold front in western lows and spread eastward into the lift-Mis	HENDERSON COUNTY 2.3 SSW BALD B	LUFF [40.99, -90.87]			
WARREN COUNTY 3.7 NNW LITTLE YORK [41.07, -90.78], 1.2 N SHAW [41.07, -90.63], 1.4 S MONMOUTH [40.90, -90.63], 2.8 NW KIRKWOOD [40.90, 90.78] 08/09/09 20:03 CST 0 Flash Flood (due to Heavy Rain) 08/09/09 22:00 CST 0 Source: Trained Spotter Heavy rains resulted in some flash flooding of parts of Warren County during the late evening of August 9. Flood waters covered several roads in the widnihy of Little York, IL. Flood waters were 1 to 1.5 feet deep over a portion of Route 135 about 1.5 miles south of Little York, IL. HENDERSON COUNTY 1.3 WSW BIG RIVER ST FOREST [41.02, -90.84], 2.6 E BALD BLUFF [41.02, -90.80], 3.7 E BIGGSVILLE [40.85, -90.80], 2.3 NNE GRULFPORT [40.85, -91.69] 08/09/09 20:52 CST 0 Flash Flood (due to Heavy Rain) 08/09/09 20:52 CST 0 Source: Trained Spotter Heavy rains resulted in some flash flooding of parts of Henderson County during the late evening of August 9. Parts of Highways 94 and 164 were under water in the Cyluawka, IL. area. 20 DAVIESS COUNTY 1.5 W COUNCIL HILL [42.45, -90.35], 2.1 SSW SCALES MOUND [42.45, -90.26], 2.5 SE GUILFORD [42.40, -90.26], 2.9 WSW GUILFORD [42.40, -90.35] 08/09/09 23:45 CST 0 Source: Trained Spotter Heavy rains resulted in flash flooding of some roads in the vicinity of Guilford, IL. during the late evening of August 9. Parts of Highways 94 and 164 were under water in the Cyluawka, IL. area. 20 DAVIESS COUNTY 1.5 W COUNCIL HILL [42.45, -90.35], 2.1 SSW SCALES MOUND [42.45, -90.26], 2.5 SE GUILFORD [42.40, -90.26], 2.9 WSW GUILFORD [42.40, -90.26], 2.9 WSW GUILFORD [42.40, -90.26], 2.9 MSW GUILFORD [4		08/09/09 20:00 CST		0	Thunderstorm Wind (EG 52 kt)
ARREN COUNTY — 3.7 NNW LITTLE YORK (41.07, -90.78), 1.2 N SHAW [41.07, -90.63], 1.4 S MONMOUTH [40.90, -80.63], 2.8 NW KIRKWOOD [40.90, 90.78] 08/09/09 20.03 CST 0 Flash Flood (due to Heavy Rain) 08/09/09 20.00 CST 0 Source: Trained Spotter leavy rains resulted in some flash flooding of parts of Warren County during the tale evening of August 9. Flood waters covered several roads in the ticinity of Little York, IL. Flood waters were 1 to 1.5 feet deep over a portion of Route 135 about 1.5 miles south of Little York, IL. IENDERSON COUNTY — 1.3 WSW BIG RIVER ST FOREST [41.02, -90.94], 2.6 E BALD BLUFF [41.02, -90.80], 3.7 E BIGGSVILLE [40.85, -90.80], 2.3 NNE BULFPORT [40.85, -91.06] 08/09/09 20.52 CST 0 Flash Flood (due to Heavy Rain) 08/09/09 22.52 CST 0 Source: Trained Spotter leavy rains resulted in some flash flooding of parts of Henderson County during the late evening of August 9. Parts of Highways 94 and 164 were under vater in the Oquavka, IL area. D DAVIESS COUNTY — 1.5 W COUNCIL HILL [42.45, -90.35], 2.1 SSW SCALES MOUND [42.45, -90.26], 2.5 SE GUILFORD [42.40, -90.26], 2.9 WSW BULFFORD [42.40, -90.35] 08/09/09 23.45 CST 0 Flash Flood (due to Heavy Rain) 08/09/09 23.45 CST 0 Source: Trained Spotter leavy rains resulted in flash flooding of some roads in the vicinity of Guilford, IL during the late evening of August 9. 10 Cold front stretching across the upper Midwest, coupled with warm moist air streaming northward across the area, brought cattered showers and isolated thunderstorms to portions of east central lows and northern Illinois during the midday hours August 9. 10 Look front stretching across the upper Midwest, coupled with warm moist air streaming northward across the area, brought cattered showers and isolated thunderstorms began to redevelop along the cold front in western lowa and spread eastward into the Mid-Mississippi Valley. In addition, several of these storms became severe over eastern lowa producing winds gusts from 50 to 80 mph around the Cedar Raplds Area. 10 MCDONOUGH		08/09/09 20:00 CST		0	Source: Trained Spotter
99.78] 08/09/09 20:03 CST 0 Flash Flood (due to Heavy Rain) 08/09/09 22:00 CST 0 Source: Trained Spotter deavy rains resulted in some flash flooding of parts of Warren County during the late evening of August 9. Flood waters covered several roads in the identity of Little York, IL. Flood waters were 1 to 1.5 feet deep over a portion of Route 135 about 1.5 miles south of Little York, IL. DENDERSON COUNTY 1.3 WSW BIG RIVER ST FOREST [41.02, -90.94], 2.6 E BALD BLUFF [41.02, -90.80], 3.7 E BIGGSVILLE [40.85, -90.80], 2.3 NNE SULFPORT [40.85, -91.66] 08/09/09 20:52 CST 0 Flash Flood (due to Heavy Rain) 08/09/09 22:52 CST 0 Source: Trained Spotter deavy rains resulted in some flash flooding of parts of Henderson County during the late evening of August 9. Parts of Highways 94 and 164 were under vater in the Oquawka, IL area. DEAVIESS COUNTY 1.5 W COUNCIL HILL [42.45, -90.35], 2.1 SSW SCALES MOUND [42.45, -90.26], 2.5 SE GUILFORD [42.40, -90.26], 2.9 WSW SULFORD [42.40, -90.35] 08/09/09 21.45 CST 0 Flash Flood (due to Heavy Rain) 08/09/09 23.45 CST 0 Source: Trained Spotter deavy rains resulted in flash flooding of some roads in the vicinity of Guilford, IL during the late evening of August 9. A cold front stretching across the upper Midwest, coupled with warm moist air streaming northward across the area, brought catetred showers and isolated thunderstorms to portions of east central lows and northern Illinois during the midday hours August 9. Some locations along the Highway 20 corridors saw rainfall amounts ranging from 1 to 2 inches from these storms. Afternoon high emperatures were in the upper 80s to lower 90s. By late afternoon, showers and isolated thunderstorms began to redevelop along the cold front in western lows and spread eastward into the Mid-Mississippi Valley. In addition, several of these storms became severe over eastern lows producing winds gusts from 50 to 80 mph around the Cedar Rapids Area. BIGDONOUGH COUNTY	Vind gusts estimated to be 50 to 60 mph we	re observed about 5 miles northea	ast of Oquawka, IL	around 900 pm Au	ugust 9.
08/09/09 22:00 CST 0 Source: Trained Spotter Heavy rains resulted in some flash flooding of parts of Warren County during the late evening of August 9. Flood waters covered several roads in the identity of Little York, IL. HENDERSON COUNTY 1.3 WSW BIG RIVER ST FOREST [41.02, -90.94], 2.6 E BALD BLUFF [41.02, -90.80], 3.7 E BIGGSVILLE [40.85, -90.80], 2.3 NNE SULFPORT [40.85, -91.06] 08/09/09 20:52 CST 0 Source: Trained Spotter Heavy rains resulted in some flash flooding of parts of Henderson County during the late evening of August 9. Parts of Highways 94 and 164 were under water in the Oquawka, IL area. DO DAVIESS COUNTY 1.5 W COUNCIL HILL [42.45, -90.35], 2.1 SSW SCALES MOUND [42.45, -90.26], 2.5 SE GUILFORD [42.40, -90.26], 2.9 WSW SUILFORD [42.40, -90.35] 08/09/09 21:45 CST 0 Flash Flood (due to Heavy Rain) 08/09/09 23:45 CST 0 Source: Trained Spotter Heavy rains resulted in flash flooding of some roads in the vicinity of Guilford, IL during the late evening of August 9. A cold front stretching across the upper Midwest, coupled with warm moist air streaming northward across the area, brought scattered showers and isolated thunderstorms to portions of east central lowa and northern Illinois during the midday hours August 9. Some locations along the Highway are variafall amounts ranging from 1 to 2 inches from these storms. Afternoon high temperatures were in the upper 80s to lower 90s. By late afternoon, showers and thunderstorms began to redevelop along the cold front in western lowa and spread eastward into the Mid-Mississippi Valley. In addition, several of these storms brought widespread rain to the Mid-Mississippi Valley. In addition, several of these storms became severe over eastern lowa producing winds gusts from 50 to 80 mph around the Cedar Rapids Area. MCDONOUGH COUNTY 1.8 W SCOTTSBURG [40.55, -90.61] 08/19/09 13:26 CST 0 Thunderstorm Wind (EG 52 kt) 08/19/09 13:26 CST 0 Source: Trained Spotter Wind gusts estimated to be 60 mph blew down some 2 to 3 inch diameter tree br		RK [41.07, -90.78], 1.2 N SHAW [4	11.07, -90.63], 1.4	S MONMOUTH [40	.90, -90.63], 2.8 NW KIRKWOOD [40.90,
	90.78]	00/00/00 20:02 CST		0	Flood (due to Heavy Poin)
Heavy rains resulted in some flash flooding of parts of Warren County during the late evening of August 9. Flood waters covered several roads in the incinity of Little York, IL. Flood waters were 1 to 1.5 feet deep over a portion of Route 135 about 1.5 miles south of Little York, IL. HENDERSON COUNTY 1.3 WSW BIG RIVER ST FOREST [41.02, -90.94], 2.6 E BALD BLUFF [41.02, -90.80], 3.7 E BIGGSVILLE [40.85, -90.80], 2.3 NNE SULFPORT [40.85, -91.06] 08/09/09 20:52 CST 0 Flash Flood (due to Heavy Rain) 08/09/09 22:52 CST 0 Source: Trained Spotter Heavy rains resulted in some flash flooding of parts of Henderson County during the late evening of August 9. Parts of Highways 94 and 164 were under water in the Oquawka, IL area. DO DAVIESS COUNTY 1.5 W COUNCIL HILL [42.45, -90.35], 2.1 SSW SCALES MOUND [42.45, -90.26], 2.5 SE GUILFORD [42.40, -90.26], 2.9 WSW SUILFORD [42.40, -90.35] 08/09/09 21:45 CST 0 Flash Flood (due to Heavy Rain) 08/09/09 23:45 CST 0 Source: Trained Spotter Heavy rains resulted in flash flooding of some roads in the vicinity of Guilford, IL during the late evening of August 9. 4 cold front stretching across the upper Midwest, coupled with warm moist air streaming northward across the area, brought scattered showers and isolated thunderstorms to portions of east central lows and northern Illinois during the milday hours August 9. Some locations along the Highway 20 corridor saw rainfall amounts ranging from 1 to 2 inches from these storms. Afternoon high emperatures were in the upper 80s to lower 90s. By late afternoon, showers and thunderstorms began to redevelop along the cold front in western lows and spread eastward into the Mid-Mississippi Valley. Douring the evening hours, these storms brought widespread rain to the Mid-Mississippi Valley. In addition, several of these storms became severe over eastern lowa producing winds guests from 50 to 80 mph around the Cedar Rapids Area. MCDONOUGH COUNTY 1.8 W SCOTTSBURG [40.55, -90.61] 08/19/09 13:26 CST 0 Thunderstorm Wind					
HENDERSON COUNTY 1.3 WSW BIG RIVER ST FOREST [41.02, -90.94], 2.6 E BALD BLUFF [41.02, -90.80], 3.7 E BIGGSVILLE [40.85, -90.80], 2.3 NNE 30LFPORT [40.85, -91.06] 08/09/09 20.52 CST 0 Flash Flood (due to Heavy Rain) 08/09/09 22.52 CST 0 Source: Trained Spotter deavy rains resulted in some flash flooding of parts of Henderson County during the late evening of August 9. Parts of Highways 94 and 164 were under vater in the Oquawka, IL area. DO DAVIESS COUNTY 1.5 W COUNCIL HILL [42.45, -90.35], 2.1 SSW SCALES MOUND [42.45, -90.26], 2.5 SE GUILFORD [42.40, -90.26], 2.9 WSW 30ILFORD [42.40, -90.35] 08/09/09 21.45 CST 0 Flash Flood (due to Heavy Rain) 08/09/09 23.45 CST 0 Source: Trained Spotter deavy rains resulted in flash flooding of some roads in the vicinity of Guilford, IL during the late evening of August 9. A cold front stretching across the upper Midwest, coupled with warm moist air streaming northward across the area, brought scattered showers and isolated thunderstorms to portions of east central lows and northern Illinois during the midday hours August 9. Some locations along the Highway 20 corridor saw rainfall amounts ranging from 1 to 2 inches from these storms. Afternoon high semperatures were in the upper 80s to lower 90s. 32) late afternoon, showers and thunderstorms began to redevelop along the cold front in western lows and spread eastward into the Mid-Mississipipi Valley. During the evening hours, these storms brought widespread rain to the Mid-Mississipipi Valley. In addition, several of these storms became severe over eastern lows producing winds gusts from 50 to 80 mph around the Cedar Rapids Area. MCDONOUGH COUNTY 1.8 W SCOTTSBURG [40.55, -90.81] 08/19/09 13.26 CST 0 Thunderstorm Wind (EG 52 kt) 08/19/09 13.26 CST 0 Source: Trained Spotter Wind gusts estimated to be 60 mph blew down some 2 to 3 inch diameter tree branches on Route 9 about 3 miles east of Good Hope, IL around 226 pm August 19.		00/09/09 22.00 CST		U	очисе. пашей эрише
O8/09/09 20:52 CST 0 Flash Flood (due to Heavy Rain) 08/09/09 20:52 CST 0 Source: Trained Spotter Heavy rains resulted in some flash flooding of parts of Henderson County during the late evening of August 9. Parts of Highways 94 and 164 were under water in the Oquawka, IL area. JO DAVIESS COUNTY 1.5 W COUNCIL HILL [42.45, -90.35], 2.1 SSW SCALES MOUND [42.45, -90.26], 2.5 SE GUILFORD [42.40, -90.26], 2.9 WSW GUILFORD [42.40, -90.35] 08/09/09 21:45 CST 0 Flash Flood (due to Heavy Rain) 08/09/09 23:45 CST 0 Source: Trained Spotter Heavy rains resulted in flash flooding of some roads in the vicinity of Guilford, IL during the late evening of August 9. A cold front stretching across the upper Midwest, coupled with warm moist air streaming northward across the area, brought scattered showers and isolated thunderstorms to portions of east central lowa and northern Illinois during the midday hours August 9. Some locations along the Highway 20 corridor saw rainfall amounts ranging from 1 to 2 inches from these storms. Afternoon high temperatures were in the upper 80s to lower 90s. By late afternoon, showers and thunderstorms began to redevelop along the cold front in western lowa and spread eastward into the Mid-Mississippi Valley. During the evening hours, these storms brought widespread rain to the Mid-Mississippi Valley. In addition, several of these storms became severe over eastern lowa producing winds gusts from 50 to 80 mph around the Cedar Rapids Area. MCDONOUGH COUNTY 1.8 W SCOTTSBURG [40.55, -90.61] 08/19/09 13:26 CST 0 Thunderstorm Wind (EG 52 kt) 08/19/09 13:26 CST 0 Source: Trained Spotter Wind gusts estimated to be 60 mph blew down some 2 to 3 inch diameter tree branches on Route 9 about 3 miles east of Good Hope, IL around 226 pm August 19. HENRY COUNTY 3.3 WSW GREEN ROCK [41.45, -90.43], 1.0 S GREEN ROCK [41.45, -90.37], 0.6 ESE WARNER [41.41, -90.37], 1.0 N SUNNY HILL [41.41, -90.43]	-	•	-	-	
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MCDONOUGH COUNTY 1.8 W SCOTTSBURG [40.55, -90.61] 08/19/09 13:26 CST 08/19/09 13	scattered showers and isolated thundersto Some locations along the Highway 20 corri temperatures were in the upper 80s to lowe By late afternoon, showers and thundersto	rms to portions of east central lo dor saw rainfall amounts ranging er 90s.	owa and northern g from 1 to 2 inch	Illinois during the es from these stor	midday hours August 9. rms. Afternoon high
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08/19/09 13:26 CST 0 Source: Trained Spotter Wind gusts estimated to be 60 mph blew down some 2 to 3 inch diameter tree branches on Route 9 about 3 miles east of Good Hope, IL around 226 pm August 19. HENRY COUNTY 3.3 WSW GREEN ROCK [41.45, -90.43], 1.0 S GREEN ROCK [41.45, -90.37], 0.6 ESE WARNER [41.41, -90.37], 1.0 N SUNNY HILL [41.41, -90.43]	MCDONOUGH COUNTY 1.8 W SCOTTSB	=			Thursday Mr. 1 (50 501)
Wind gusts estimated to be 60 mph blew down some 2 to 3 inch diameter tree branches on Route 9 about 3 miles east of Good Hope, IL around 226 pm August 19. HENRY COUNTY 3.3 WSW GREEN ROCK [41.45, -90.43], 1.0 S GREEN ROCK [41.45, -90.37], 0.6 ESE WARNER [41.41, -90.37], 1.0 N SUNNY HILL 41.41, -90.43]					
August 19. HENRY COUNTY 3.3 WSW GREEN ROCK [41.45, -90.43], 1.0 S GREEN ROCK [41.45, -90.37], 0.6 ESE WARNER [41.41, -90.37], 1.0 N SUNNY HILL 41.41, -90.43]		08/19/09 13:26 CST		0	Source: Trained Spotter
41.41, -90.43]	-	vn some 2 to 3 inch diameter tree	branches on Rout	e 9 about 3 miles e	east of Good Hope, IL around 226 pm
		K [41.45, -90.43], 1.0 S GREEN RO	OCK [41.45, -90.37	7], 0.6 ESE WARNE	ER [41.41, -90.37], 1.0 N SUNNY HILL
υδ/19/υ9 15:υυ C5 1 Σ 5UK FIASh FIOOD (DIE TO HEAVY RAIN)	41.41, -90.43]	08/19/09 15:00 CST		2.50K	Flash Flood (due to Heavy Rain)
08/19/09 16:00 CST 0 Source: Trained Spotter					

Late morning and early afternoon sunshine was the fuel for a couple rounds of showers and thunderstorms across the region August

19. The storms brought heavy rain to most areas, with rainfall amounts between a half inch and and inch and a half common. In addition,

minute period between 3 and 4 pm. Flooding was observed in the basement of a residence.

Heavy rain resulted in flash flooding just northwest of Warner, IL during the late afternoon of August 19. Rainfall totals of 2 to 3 inches fell in about a 30

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Location Date/Time Deaths & **Event Type and Details** Property & Injuries Crop Dmg tornadoes were reported from central Illinois all the way up to the Twin Cities. With all of the cloud cover during the afternoon, high temperatures only topped out in the upper 70s to lower 80s. HANCOCK COUNTY --- 1.3 WNW NIOTA [40.63, -91.30], 2.6 NE DALLAS CITY [40.66, -91.14], 1.7 ESE DALLAS CITY [40.62, -91.14], 2.3 SSW NIOTA [40.59, -91.30] 08/27/09 20:15 CST 0 Flash Flood (due to Heavy Rain) 08/27/09 23:00 CST 0 Source: Law Enforcement Heavy rains resulted in flash flooding between Dallas City, IL and Niota, IL during the late evening of August 27. At 1016 pm, the flood waters were covering Highway 9 between Niota and Dallas City. Prior to that time, flood waters in the area were deep enough to float a car. Cloudy skies along with scattered showers and thunderstorms continued across much of the area August 27. Heavy rains resulted in flash flooding in parts of west central Illinois. IOWA, East Central and Southeast (IA-Z052) LINN 08/03/09 04:28 CST 5K High Wind (MAX 53 kt) 08/03/09 04:32 CST n A heat burst struck parts of Cedar Rapids, IA between 528 am and 532 am August 3. A 61 mph wind gust was measured in downtown Cedar Rapids, while estimated wind gusts ranged from 60 mph to over 70 mph. The temperature spiked up to 84 degrees at the KCRG Studios while just south southeast of Cedar Rapids the temperature was observed to have shot up to 77 degrees. Temperatures were in the upper 60s to around 70 prior to the heat burst. Numerous trees and branches were blown down in the vicinity with power outages observed on the northwest and southwest sides of the city. LEE COUNTY --- 0.5 W FT MADISON [40.63, -91.33] 08/04/09 06:15 CST 0 Thunderstorm Wind (EG 56 kt) 08/04/09 06:15 CST 0 Source: Trained Spotter Wind gusts estimated to be 65 mph blew down some 5 to 6 inch diameter tree limbs about 1 mile northeast of Fort Madison, IA around 715 am August 4. LEE COUNTY --- 1.3 ESE DENMARK [40.72, -91.31] 08/04/09 06:24 CST 0 Thunderstorm Wind (EG 52 kt) 08/04/09 06:24 CST Source: Trained Spotter Wind gusts estimated to be 60 mph were observed about 4 miles west of Wever, IA around 724 am August 4. **DES MOINES COUNTY --- 1.5 WSW BURLINGTON [40.81, -91.11]** 08/04/09 06:35 CST 1K Thunderstorm Wind (EG 56 kt) 08/04/09 06:35 CST Source: Trained Spotter Wind gusts estimated to be 65 mph blew down an electric pole at N 6th Street and Washington Street in Burlington, IA around 735 am August 4. DES MOINES COUNTY --- 1.5 SSE LENOX PARK [40.81, -91.12] 08/04/09 07:00 CST 0 Thunderstorm Wind (EG 56 kt) 08/04/09 07:00 CST 0 Source: Emergency Manager Wind gusts estimated to be 65 mph blew down a 5 to 6 inch diameter tree limb in Burlington, IA around 800 am August 4. Showers and thunderstorms moved across areas south of Highway 34 during the early morning hours of August 4 as a cold front dropped southward into northern Missouri and central Illinois. Some of the storms were severe, producing wind gusts over 58 mph and hail up to one and a quarter inches in diameter. Some localized heavy rains were also observed. Otherwise, muggy conditions prevailed across the area with some patchy areas of dense fog with visibilities under a quarter mile. Low temperatures ranged from the middle 50s near Dubuque to the lower 70s south of Highway 34. SCOTT COUNTY --- 1.2 NNW DAVENPORT [41.55, -90.59], 1.2 NNE DAVENPORT [41.55, -90.57], 0.5 ENE DAVENPORT [41.53, -90.57], 0.7 WNW

08/07/09 11:51 CST

08/07/09 13:00 CST

DAVENPORT [41.53, -90.59]

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Flash Flood (due to Heavy Rain)

Source: Trained Spotter

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Heavy rains resulted in minor flash flood reduced to one lane due to the flood wa		-		oon of August 7. Locust Street was
Heavy rains resulted in minor flash flo		• •		_
ocust Street was reduced to one lane	e due to the flood waters. In addition,	water flooded a n	earby St Ambrose	e University parking lot.
BUCHANAN COUNTY 3.6 W ROWLE	EY [42.37, -91.90] 08/09/09 10:55 CST		5K	Thunderstorm Wind (EG 65 kt)
	08/09/09 10:55 CST		0	Source: Trained Spotter
	00/09/09 10:33 031		Ü	Source: Trailled Spotter
Nind gusts estimated to be 75 mph sna around 1155 am August 9.	pped off some mature 2 foot diameter t	rees and blew dow	vn some power line	es about 3 miles west of Rowley, IA
BUCHANAN COUNTY 0.9 SW ROWI	LEY [42.37, -91.84]			
	08/09/09 11:00 CST		0.15M	Thunderstorm Wind (EG 65 kt)
	08/09/09 11:00 CST		0	Source: Amateur Radio
Wind gusts estimated to be 75 mph blew farm buildings, and blew down power lin				limbs, ripped about 10 roofs off of some was also observed.
BUCHANAN COUNTY 2.6 WSW RO				
	08/09/09 11:00 CST		0.10M	Thunderstorm Wind (EG 65 kt)
	08/09/09 11:00 CST		0	Source: Trained Spotter
Wind gusts estimated to be 75 mph dan west of Rowley, IA around 1200 pm Auç	·	ge at an implemen	t dealer, and blew	down some large tree limbs about 2 miles
BUCHANAN COUNTY 0.5 W INDEPE	ENDENCE [42 47 -91 89]			
BUCHANAN COUNTT 0.5 W INDEFE	- TEDENOE [42.47, -51.05]			
BOCHANAN COUNTY 0.5 WINDER	08/09/09 11:02 CST		0	Hail (1.50 in)
BOCHANAN COUNTY 0.3 W INDEFE			0	Hail (1.50 in) Source: COOP Observer
	08/09/09 11:02 CST 08/09/09 11:02 CST			
Ping pong ball-sized hail fell in Independ	08/09/09 11:02 CST 08/09/09 11:02 CST dence, IA around 1202 pm August 9.		0	Source: COOP Observer
Ping pong ball-sized hail fell in Independ	08/09/09 11:02 CST 08/09/09 11:02 CST dence, IA around 1202 pm August 9. ENDENCE [42.47, -91.89] 08/09/09 11:02 CST		0	Source: COOP Observer Thunderstorm Wind (EG 61 kt)
Ping pong ball-sized hail fell in Independ	08/09/09 11:02 CST 08/09/09 11:02 CST dence, IA around 1202 pm August 9.		0	Source: COOP Observer
Ping pong ball-sized hail fell in Independ	08/09/09 11:02 CST 08/09/09 11:02 CST dence, IA around 1202 pm August 9. ENDENCE [42.47, -91.89] 08/09/09 11:02 CST 08/09/09 11:02 CST	nce, IA around 120	0 0	Source: COOP Observer Thunderstorm Wind (EG 61 kt)
Ping pong ball-sized hail fell in Independ BUCHANAN COUNTY 0.5 W INDEPE	08/09/09 11:02 CST 08/09/09 11:02 CST dence, IA around 1202 pm August 9. ENDENCE [42.47, -91.89] 08/09/09 11:02 CST 08/09/09 11:02 CST re observed in and south of Independer	nce, IA around 120	0 0	Source: COOP Observer Thunderstorm Wind (EG 61 kt)
Ping pong ball-sized hail fell in Independ BUCHANAN COUNTY 0.5 W INDEPE	08/09/09 11:02 CST 08/09/09 11:02 CST dence, IA around 1202 pm August 9. ENDENCE [42.47, -91.89] 08/09/09 11:02 CST 08/09/09 11:02 CST re observed in and south of Independer	ice, IA around 120	0 0	Source: COOP Observer Thunderstorm Wind (EG 61 kt)
Ping pong ball-sized hail fell in Independ BUCHANAN COUNTY 0.5 W INDEPE	08/09/09 11:02 CST 08/09/09 11:02 CST dence, IA around 1202 pm August 9. ENDENCE [42.47, -91.89] 08/09/09 11:02 CST 08/09/09 11:02 CST re observed in and south of Independer	ice, IA around 120	0 0 0 2 pm August 9.	Source: COOP Observer Thunderstorm Wind (EG 61 kt) Source: COOP Observer
Ping pong ball-sized hail fell in Independ BUCHANAN COUNTY 0.5 W INDEPE Wind gusts estimated to be 70 mph wer BUCHANAN COUNTY 1.1 WNW THE	08/09/09 11:02 CST 08/09/09 11:02 CST dence, IA around 1202 pm August 9. ENDENCE [42.47, -91.89] 08/09/09 11:02 CST 08/09/09 11:02 CST re observed in and south of Independer REE ELMS CO PARK [42.46, -91.89] 08/09/09 11:02 CST 08/09/09 11:02 CST		0 0 0 2 pm August 9.	Source: COOP Observer Thunderstorm Wind (EG 61 kt) Source: COOP Observer Hail (1.75 in)
Ping pong ball-sized hail fell in Independ BUCHANAN COUNTY 0.5 W INDEPE Wind gusts estimated to be 70 mph wer BUCHANAN COUNTY 1.1 WNW THE	08/09/09 11:02 CST 08/09/09 11:02 CST dence, IA around 1202 pm August 9. ENDENCE [42.47, -91.89] 08/09/09 11:02 CST 08/09/09 11:02 CST re observed in and south of Independer REE ELMS CO PARK [42.46, -91.89] 08/09/09 11:02 CST 08/09/09 11:02 CST		0 0 0 2 pm August 9.	Source: COOP Observer Thunderstorm Wind (EG 61 kt) Source: COOP Observer Hail (1.75 in)
Ping pong ball-sized hail fell in Independ BUCHANAN COUNTY 0.5 W INDEPE Wind gusts estimated to be 70 mph wer BUCHANAN COUNTY 1.1 WNW THE	08/09/09 11:02 CST 08/09/09 11:02 CST dence, IA around 1202 pm August 9. ENDENCE [42.47, -91.89] 08/09/09 11:02 CST 08/09/09 11:02 CST re observed in and south of Independer REE ELMS CO PARK [42.46, -91.89] 08/09/09 11:02 CST 08/09/09 11:02 CST		0 0 0 2 pm August 9.	Source: COOP Observer Thunderstorm Wind (EG 61 kt) Source: COOP Observer Hail (1.75 in)
Ping pong ball-sized hail fell in Independ BUCHANAN COUNTY 0.5 W INDEPE Wind gusts estimated to be 70 mph wer BUCHANAN COUNTY 1.1 WNW THE	08/09/09 11:02 CST 08/09/09 11:02 CST dence, IA around 1202 pm August 9. ENDENCE [42.47, -91.89] 08/09/09 11:02 CST 08/09/09 11:02 CST re observed in and south of Independer REE ELMS CO PARK [42.46, -91.89] 08/09/09 11:02 CST 08/09/09 11:02 CST ependence, IA around 1202 pm August		0 0 0 2 pm August 9. 0	Thunderstorm Wind (EG 61 kt) Source: COOP Observer Hail (1.75 in) Source: Emergency Manager
Ping pong ball-sized hail fell in Independ BUCHANAN COUNTY 0.5 W INDEPE Wind gusts estimated to be 70 mph wer BUCHANAN COUNTY 1.1 WNW THE	08/09/09 11:02 CST 08/09/09 11:02 CST dence, IA around 1202 pm August 9. ENDENCE [42.47, -91.89] 08/09/09 11:02 CST 08/09/09 11:02 CST re observed in and south of Independer REE ELMS CO PARK [42.46, -91.89] 08/09/09 11:02 CST 08/09/09 11:02 CST rependence, IA around 1202 pm August REE ELMS CO PARK [42.46, -91.89] 08/09/09 11:02 CST 08/09/09 11:02 CST	9.	0 0 0 2 pm August 9. 0 0	Thunderstorm Wind (EG 61 kt) Source: COOP Observer Hail (1.75 in) Source: Emergency Manager Thunderstorm Wind (EG 61 kt)
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Ping pong ball-sized hail fell in Independ BUCHANAN COUNTY 0.5 W INDEPE Wind gusts estimated to be 70 mph wer BUCHANAN COUNTY 1.1 WNW THE Golf ball-sized hail fell just south of Inde BUCHANAN COUNTY 1.1 WNW THE	08/09/09 11:02 CST 08/09/09 11:02 CST dence, IA around 1202 pm August 9. ENDENCE [42.47, -91.89] 08/09/09 11:02 CST 08/09/09 11:02 CST re observed in and south of Independer REE ELMS CO PARK [42.46, -91.89] 08/09/09 11:02 CST 08/09/09 11:02 CST rependence, IA around 1202 pm August REE ELMS CO PARK [42.46, -91.89] 08/09/09 11:02 CST 08/09/09 11:02 CST 08/09/09 11:02 CST	9.	0 0 0 2 pm August 9. 0 0	Thunderstorm Wind (EG 61 kt) Source: COOP Observer Hail (1.75 in) Source: Emergency Manager Thunderstorm Wind (EG 61 kt)
Ping pong ball-sized hail fell in Independ BUCHANAN COUNTY 0.5 W INDEPE Wind gusts estimated to be 70 mph wer BUCHANAN COUNTY 1.1 WNW THE Golf ball-sized hail fell just south of Inde BUCHANAN COUNTY 1.1 WNW THE	08/09/09 11:02 CST 08/09/09 11:02 CST dence, IA around 1202 pm August 9. ENDENCE [42.47, -91.89] 08/09/09 11:02 CST 08/09/09 11:02 CST re observed in and south of Independer REE ELMS CO PARK [42.46, -91.89] 08/09/09 11:02 CST 08/09/09 11:02 CST rependence, IA around 1202 pm August REE ELMS CO PARK [42.46, -91.89] 08/09/09 11:02 CST 08/09/09 11:02 CST 08/09/09 11:02 CST	9.	0 0 0 2 pm August 9. 0 0	Thunderstorm Wind (EG 61 kt) Source: COOP Observer Hail (1.75 in) Source: Emergency Manager Thunderstorm Wind (EG 61 kt) Source: Emergency Manager
Ping pong ball-sized hail fell in Independ BUCHANAN COUNTY 0.5 W INDEPE Wind gusts estimated to be 70 mph wer BUCHANAN COUNTY 1.1 WNW THE Golf ball-sized hail fell just south of Inde BUCHANAN COUNTY 1.1 WNW THE Wind gusts estimated to be 70 mph wer	08/09/09 11:02 CST 08/09/09 11:02 CST dence, IA around 1202 pm August 9. ENDENCE [42.47, -91.89] 08/09/09 11:02 CST 08/09/09 11:02 CST de observed in and south of Independer REE ELMS CO PARK [42.46, -91.89] 08/09/09 11:02 CST 08/09/09 11:02 CST dependence, IA around 1202 pm August REE ELMS CO PARK [42.46, -91.89] 08/09/09 11:02 CST dependence, IA around 1202 pm August REE ELMS CO PARK [42.46, -91.89] 08/09/09 11:02 CST dependence just south of Independence LEY [42.37, -91.84] 08/09/09 11:05 CST 08/09/09 11:05 CST	9.	0 0 0 2 pm August 9. 0 0	Thunderstorm Wind (EG 61 kt) Source: COOP Observer Hail (1.75 in) Source: Emergency Manager Thunderstorm Wind (EG 61 kt) Source: Emergency Manager
Ping pong ball-sized hail fell in Independ BUCHANAN COUNTY 0.5 W INDEPE Wind gusts estimated to be 70 mph wer BUCHANAN COUNTY 1.1 WNW THE Golf ball-sized hail fell just south of Inde BUCHANAN COUNTY 1.1 WNW THE Wind gusts estimated to be 70 mph wer BUCHANAN COUNTY 0.9 SW ROWI	08/09/09 11:02 CST 08/09/09 11:02 CST dence, IA around 1202 pm August 9. ENDENCE [42.47, -91.89] 08/09/09 11:02 CST 08/09/09 11:02 CST de observed in and south of Independer REE ELMS CO PARK [42.46, -91.89] 08/09/09 11:02 CST 08/09/09 11:02 CST dependence, IA around 1202 pm August REE ELMS CO PARK [42.46, -91.89] 08/09/09 11:02 CST 08/09/09 11:02 CST dependence, IA around 1202 pm August REE ELMS CO PARK [42.46, -91.89] 08/09/09 11:02 CST 08/09/09 11:05 CST 08/09/09 11:05 CST 08/09/09 11:05 CST	9.	0 0 0 2 pm August 9. 0 0	Thunderstorm Wind (EG 61 kt) Source: COOP Observer Hail (1.75 in) Source: Emergency Manager Thunderstorm Wind (EG 61 kt) Source: Emergency Manager
Ping pong ball-sized hail fell in Independ BUCHANAN COUNTY 0.5 W INDEPE Wind gusts estimated to be 70 mph wer BUCHANAN COUNTY 1.1 WNW THE Golf ball-sized hail fell just south of Inde BUCHANAN COUNTY 1.1 WNW THE Wind gusts estimated to be 70 mph wer BUCHANAN COUNTY 0.9 SW ROWI	08/09/09 11:02 CST 08/09/09 11:02 CST dence, IA around 1202 pm August 9. ENDENCE [42.47, -91.89] 08/09/09 11:02 CST 08/09/09 11:02 CST de observed in and south of Independer REE ELMS CO PARK [42.46, -91.89] 08/09/09 11:02 CST 08/09/09 11:02 CST dependence, IA around 1202 pm August REE ELMS CO PARK [42.46, -91.89] 08/09/09 11:02 CST 08/09/09 11:02 CST dependence just south of Independence LEY [42.37, -91.84] 08/09/09 11:05 CST 08/09/09 11:05 CST und 1205 pm August 9.	9.	0 0 0 2 pm August 9. 0 0 0 0 m August 9.	Thunderstorm Wind (EG 61 kt) Source: COOP Observer Hail (1.75 in) Source: Emergency Manager Thunderstorm Wind (EG 61 kt) Source: Emergency Manager Hail (1.75 in) Source: Emergency Manager
Ping pong ball-sized hail fell in Independ BUCHANAN COUNTY 0.5 W INDEPE Wind gusts estimated to be 70 mph wer BUCHANAN COUNTY 1.1 WNW THE Golf ball-sized hail fell just south of Inde BUCHANAN COUNTY 1.1 WNW THE Wind gusts estimated to be 70 mph wer BUCHANAN COUNTY 0.9 SW ROWI Golf ball-sized hail fell in Rowley, IA aro DELAWARE COUNTY 2.1 SSW MAS	08/09/09 11:02 CST 08/09/09 11:02 CST dence, IA around 1202 pm August 9. ENDENCE [42.47, -91.89] 08/09/09 11:02 CST 08/09/09 11:02 CST de observed in and south of Independer REE ELMS CO PARK [42.46, -91.89] 08/09/09 11:02 CST 08/09/09 11:02 CST dependence, IA around 1202 pm August REE ELMS CO PARK [42.46, -91.89] 08/09/09 11:02 CST 08/09/09 11:02 CST dependence, IA around 1202 pm August REE ELMS CO PARK [42.46, -91.89] 08/09/09 11:02 CST 08/09/09 11:05 CST 08/09/09 11:05 CST 08/09/09 11:05 CST	9.	0 0 0 2 pm August 9. 0 0	Thunderstorm Wind (EG 61 kt) Source: COOP Observer Hail (1.75 in) Source: Emergency Manager Thunderstorm Wind (EG 61 kt) Source: Emergency Manager

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
DELAWARE COUNTY 0.9 NW MANCHESTER				
	08/09/09 11:30 CST		0	Hail (0.75 in)
	08/09/09 11:30 CST		0	Source: Trained Spotter
DELAWARE COUNTY DELHI [42.43, -91.33]				
	08/09/09 11:35 CST		0	Thunderstorm Wind (EG 61 kt)
	08/09/09 11:35 CST		0	Source: Fire Department/Rescue
Nind gusts estimated to be 70 mph were observe	d in Delhi, IA near Lake Delh	ni around 1235 pm	August 9. This repo	ort was relayed by Delaware County.
DELAWARE COUNTY 2.8 S MANCHESTER [4	2.44, -91.46]			
	08/09/09 11:36 CST		0	Hail (1.00 in)
	08/09/09 11:36 CST		0	Source: Emergency Manager
Quarter-sized hail fell about 3 miles south of Mand	chester, IA around 1236 pm	August 9.		
DELAWARE COUNTY 2.8 S MANCHESTER [4	2.44, -91.46]			
	08/09/09 11:36 CST		0	Thunderstorm Wind (EG 56 kt)
	08/09/09 11:36 CST		0	Source: Emergency Manager
Nind gusts estimated to be 65 mph were observe	d about 3 miles south of Mar	nchester, IA around	d 1236 pm August 9	9.
DUBUQUE COUNTY DYERSVILLE [42.48, -91	.12]			
	08/09/09 11:49 CST		0	Hail (0.75 in)
	08/09/09 11:49 CST		0	Source: Emergency Manager
DUBUQUE COUNTY DYERSVILLE [42.48, -91	.121			
	08/09/09 11:50 CST		0	Thunderstorm Wind (EG 56 kt)
	08/09/09 11:50 CST		0	Source: Emergency Manager
Wind gusts estimated to be 65 mph were observe		50 pm August 9.		
50B0Q0E 000N11 El WOK111 [42.43, 430.33	08/09/09 12:00 CST		50K	Thunderstorm Wind (EG 61 kt)
	08/09/09 12:00 CST		0	Source: Trained Spotter
Nind gusts estimated to be 70 mph overturned a	mobile home and uprooted s	everal large trees	in Epworth, IA arou	nd 100 pm August 9.
DUBUQUE COUNTY EPWORTH [42.45, -90.93	08/09/09 12:01 CST		0	Hail (1.75 in)
	08/09/09 12:01 CST		0	Source: Law Enforcement
Golf ball-sized hail fell in Epworth, IA around 101	pm August 9.			
DUBUQUE COUNTY 1.5 SSE ASBURY [42.50,	-90 741			
1.0 OOL AGBORT [42.00,	08/09/09 12:15 CST		0	Thunderstorm Wind (EG 52 kt)
	08/09/09 12:15 CST		0	Source: Trained Spotter
Nind gusts estimated to be 50 to 60 mph were ob	served about 2 miles west of	f Dubuque, IA arou	ınd 115 pm August	9.
DUBUQUE COUNTY (DBQ)DUBUQUE MUNI A				
	08/09/09 12:18 CST		0	Thunderstorm Wind (MG 58 kt)
	08/09/09 12:18 CST		0	Source: ASOS
A 67 mph wind gusts was measured by the ASOS	at the Dubuque Regional A	irport around 118 p	om August 9.	
BENTON COUNTY 0.5 E BELLE PLAINE [41.9				
	08/09/09 12:59 CST		0	Hail (0.75 in)
	08/09/09 12:59 CST		0	Source: Trained Spotter

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	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
DELAWARE COUNTY RYAN [42.35, -91.48]				
	08/09/09 13:15 CST		0	Thunderstorm Wind (MG 52 kt)
200 mah mind mad mad mad in Born IA	08/09/09 13:15 CST		0	Source: Emergency Manager
A 60 mph wind gust was measured in Ryan, IA a	round 215 pm August 9.			
DUBUQUE COUNTY 0.9 SW PEOSTA [42.44,	-90.86] 08/09/09 13:55 CST		0	Hail (0.88 in)
	08/09/09 13:55 CST		0	Source: Trained Spotter
			•	Search Hamou Sporter
DUBUQUE COUNTY 0.9 SW PEOSTA [42.44,	-90.86] 08/09/09 13:55 CST		0	Thunderstorm Wind (EG 52 kt)
	08/09/09 13:55 CST		0	Source: Trained Spotter
Wind gusts estimated to be 60 mph flattened sor	ne corn about 1 mile southwes	et of Peosta, IA arc	und 255 pm Aug	ust 9.
BENTON COUNTY 0.5 E BELLE PLAINE [41.	90, -92.27]			
	08/09/09 18:16 CST		1K	Thunderstorm Wind (EG 52 kt)
	08/09/09 18:16 CST		0	Source: Trained Spotter
Wind gusts estimated to be 60 mph blew a tramp	poline away in Belle Plaine, IA	around 716 pm Au	igust 9.	
OWA COUNTY 0.5 E VICTOR [41.73, -92.29]				
	08/09/09 18:17 CST		0	Thunderstorm Wind (EG 61 kt)
	08/09/09 18:17 CST		0	Source: Public
Wind gusts estimated to be 70 mph were observent gusts estimated gusts estimat	·	August 9. Tills re	port was relayed	by NONG III Cedai Napius.
	08/09/09 18:23 CST		0	Thunderstorm Wind (EG 61 kt)
	08/09/09 18:23 CST		0	Source: Emergency Manager
Nind gusts estimated to be 70 mph blew down s	ome trees and tree limbs in Ke	eystone, IA around	723 pm August 9	9.
OWA COUNTY 0.5 E VICTOR [41.73, -92.29]				
	08/09/09 18:31 CST		5K	Thunderstorm Wind (EG 61 kt)
	08/09/09 18:31 CST		0	Source: Law Enforcement
Wind gusts estimated to be 70 mph blew down tr	rees limbs and power lines in t	ne vicinity of Victor	r, IA around 731 p	om August 9.
	·	ne vicinity of Victor	r, IA around 731 բ	om August 9.
	·	ne vicinity of Victor	r, IA around 731 p	om August 9. Thunderstorm Wind (MG 61 kt)
	01, -92.09]	ne vicinity of Victor	•	
BENTON COUNTY 0.9 SW VAN HORNE [42.0	01, -92.09] 08/09/09 18:34 CST 08/09/09 18:34 CST	ne vicinity of Victor	0	Thunderstorm Wind (MG 61 kt)
BENTON COUNTY 0.9 SW VAN HORNE [42.0	01, -92.09] 08/09/09 18:34 CST 08/09/09 18:34 CST e, IA around 734 pm August 9.	ne vicinity of Victor	0	Thunderstorm Wind (MG 61 kt)
BENTON COUNTY 0.9 SW VAN HORNE [42.0	01, -92.09] 08/09/09 18:34 CST 08/09/09 18:34 CST e, IA around 734 pm August 9.	ne vicinity of Victor	0	Thunderstorm Wind (MG 61 kt) Source: Emergency Manager Thunderstorm Wind (EG 65 kt)
BENTON COUNTY 0.9 SW VAN HORNE [42.0	01, -92.09] 08/09/09 18:34 CST 08/09/09 18:34 CST e, IA around 734 pm August 9.	ne vicinity of Victor	0 0	Thunderstorm Wind (MG 61 kt) Source: Emergency Manager
BENTON COUNTY 0.9 SW VAN HORNE [42.0] A 70 mph wind gust was measured in Van Horne BENTON COUNTY 2.7 WSW NEWHALL [41.9] Wind gusts estimated to be 75 mph snapped a 4	01, -92.09] 08/09/09 18:34 CST 08/09/09 18:34 CST e, IA around 734 pm August 9. 96, -92.03] 08/09/09 18:35 CST 08/09/09 18:35 CST to 5 foot diameter oak tree off		0 0	Thunderstorm Wind (MG 61 kt) Source: Emergency Manager Thunderstorm Wind (EG 65 kt) Source: Trained Spotter
Wind gusts estimated to be 70 mph blew down to BENTON COUNTY 0.9 SW VAN HORNE [42.0] A 70 mph wind gust was measured in Van Horne BENTON COUNTY 2.7 WSW NEWHALL [41.9] Wind gusts estimated to be 75 mph snapped a 4 miles west southwest of New Hall, IA around 735 BENTON COUNTY 4.1 SSW VAN HORNE [41]	01, -92.09] 08/09/09 18:34 CST 08/09/09 18:34 CST e, IA around 734 pm August 9. 06, -92.03] 08/09/09 18:35 CST 08/09/09 18:35 CST to 5 foot diameter oak tree off pm August 9.		0 0 0 0 0	Thunderstorm Wind (MG 61 kt) Source: Emergency Manager Thunderstorm Wind (EG 65 kt) Source: Trained Spotter f Highway 30 and Highway 218 about 4
BENTON COUNTY 0.9 SW VAN HORNE [42.0] A 70 mph wind gust was measured in Van Horne BENTON COUNTY 2.7 WSW NEWHALL [41.9] Wind gusts estimated to be 75 mph snapped a 4 miles west southwest of New Hall, IA around 735	01, -92.09] 08/09/09 18:34 CST 08/09/09 18:34 CST e, IA around 734 pm August 9. 06, -92.03] 08/09/09 18:35 CST 08/09/09 18:35 CST to 5 foot diameter oak tree off 5 pm August 9.		0 0	Thunderstorm Wind (MG 61 kt) Source: Emergency Manager Thunderstorm Wind (EG 65 kt) Source: Trained Spotter

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	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/09/09 18:38 CST		0	Thunderstorm Wind (EG 61 kt)
	08/09/09 18:38 CST		0	Source: Trained Spotter
Vind gusts estimated to be 70 mph were o	observed in Norway, IA around 738 p	om August 9.		
BENTON COUNTY KEYSTONE [42.00,	=			Ti
	08/09/09 18:40 CST		0	Thunderstorm Wind (EG 78 kt)
	08/09/09 18:40 CST		0	Source: Fire Department/Rescue
Vind gusts estimated to be 90 mph were o	observed in Keystone, IA around 740	pm August 9. Th	is report was relaye	ed by the emergency manager.
BENTON COUNTY 3.3 SE KEYSTONE			FOK	Thursdaysters Wind (FO 70 IA)
	08/09/09 18:45 CST 08/09/09 18:45 CST		50K 0	Thunderstorm Wind (EG 70 kt) Source: Trained Spotter
Vind gusts estimated to be 80 mph blew d ragons about 100 yards, blew away some m August 9.				
BENTON COUNTY 0.5 W NORWAY [41	1.90, -91.93]			
	08/09/09 18:47 CST		0	Thunderstorm Wind (MG 74 kt)
	08/09/09 18:47 CST		0	Source: Trained Spotter
An 85 mph wind gust was measured in No	rway, IA around 747 pm August 9.			
BENTON COUNTY 2.2 WNW VAN HOR				
	08/09/09 18:51 CST		0	Thunderstorm Wind (MG 50 kt)
\ 58 mph wind gust was measured about 2	08/09/09 18:51 CST 2 miles northwest of Van Horne, IA a	ıround 751 pm Auş	0 gust 9.	Source: Trained Spotter
· · ·	2 miles northwest of Van Horne, IA a	ıround 751 pm Au		Source: Trained Spotter Thunderstorm Wind (EG 52 kt) Source: Trained Spotter
LINN COUNTY 3.5 S CEDAR RAPIDS [2 miles northwest of Van Horne, IA a 41.95, -91.66] 08/09/09 18:58 CST 08/09/09 18:58 CST		gust 9. 0 0	Thunderstorm Wind (EG 52 kt) Source: Trained Spotter
LINN COUNTY 3.5 S CEDAR RAPIDS [A	2 miles northwest of Van Horne, IA a 41.95, -91.66] 08/09/09 18:58 CST 08/09/09 18:58 CST observed about 1 mile south southea		gust 9. 0 0	Thunderstorm Wind (EG 52 kt) Source: Trained Spotter n August 9.
LINN COUNTY 3.5 S CEDAR RAPIDS [A	2 miles northwest of Van Horne, IA a 41.95, -91.66] 08/09/09 18:58 CST 08/09/09 18:58 CST Observed about 1 mile south southea OUNTY PARK [41.72, -91.79] 08/09/09 19:05 CST		gust 9. 0 0 s, IA around 758 pr	Thunderstorm Wind (EG 52 kt) Source: Trained Spotter n August 9. Thunderstorm Wind (EG 52 kt)
LINN COUNTY 3.5 S CEDAR RAPIDS [A	2 miles northwest of Van Horne, IA a 41.95, -91.66] 08/09/09 18:58 CST 08/09/09 18:58 CST observed about 1 mile south southea		gust 9. 0 0	Thunderstorm Wind (EG 52 kt) Source: Trained Spotter n August 9.
LINN COUNTY 3.5 S CEDAR RAPIDS [AND INVESTMENT COUNTY 3.2 WSW KENT CO	2 miles northwest of Van Horne, IA a 41.95, -91.66] 08/09/09 18:58 CST 08/09/09 18:58 CST Observed about 1 mile south southea OUNTY PARK [41.72, -91.79] 08/09/09 19:05 CST 08/09/09 19:05 CST	st of Cedar Rapids	gust 9. 0 0 s, IA around 758 pr	Thunderstorm Wind (EG 52 kt) Source: Trained Spotter n August 9. Thunderstorm Wind (EG 52 kt)
LINN COUNTY 3.5 S CEDAR RAPIDS [AND INCOMPLY	2 miles northwest of Van Horne, IA a 41.95, -91.66] 08/09/09 18:58 CST 08/09/09 18:58 CST Observed about 1 mile south southea OUNTY PARK [41.72, -91.79] 08/09/09 19:05 CST 08/09/09 19:05 CST were observed in Oxford, IA around 8	st of Cedar Rapids	gust 9. 0 0 s, IA around 758 pr	Thunderstorm Wind (EG 52 kt) Source: Trained Spotter n August 9. Thunderstorm Wind (EG 52 kt) Source: Law Enforcement
LINN COUNTY 3.5 S CEDAR RAPIDS [a Vind gusts estimated to be 60 mph were of IOHNSON COUNTY 3.2 WSW KENT Co Vind gusts estimated to be 50 to 60 mph v	2 miles northwest of Van Horne, IA a 41.95, -91.66] 08/09/09 18:58 CST 08/09/09 18:58 CST Observed about 1 mile south southea OUNTY PARK [41.72, -91.79] 08/09/09 19:05 CST 08/09/09 19:05 CST were observed in Oxford, IA around 8 [41.88, -91.72] 08/09/09 19:09 CST	st of Cedar Rapids	gust 9. 0 0 s, IA around 758 pr 0 0	Thunderstorm Wind (EG 52 kt) Source: Trained Spotter n August 9. Thunderstorm Wind (EG 52 kt) Source: Law Enforcement Thunderstorm Wind (MG 55 kt)
Vind gusts estimated to be 60 mph were company to the company of t	2 miles northwest of Van Horne, IA a 41.95, -91.66] 08/09/09 18:58 CST 08/09/09 18:58 CST Observed about 1 mile south southea OUNTY PARK [41.72, -91.79] 08/09/09 19:05 CST 08/09/09 19:05 CST were observed in Oxford, IA around 8	st of Cedar Rapids	gust 9. 0 0 s, IA around 758 pr 0 0	Thunderstorm Wind (EG 52 kt) Source: Trained Spotter n August 9. Thunderstorm Wind (EG 52 kt) Source: Law Enforcement
LINN COUNTY 3.5 S CEDAR RAPIDS [AND INC. Section 2.5] Vind gusts estimated to be 60 mph were of the country 3.2 WSW KENT Country 3.2 WSW KENT Country CEDAR RAPIDS ARPT	2 miles northwest of Van Horne, IA a 41.95, -91.66] 08/09/09 18:58 CST 08/09/09 18:58 CST Observed about 1 mile south southea OUNTY PARK [41.72, -91.79] 08/09/09 19:05 CST 08/09/09 19:05 CST were observed in Oxford, IA around 8 [41.88, -91.72] 08/09/09 19:09 CST 08/09/09 19:09 CST	st of Cedar Rapids	gust 9. 0 0 s, IA around 758 pr 0 0 0	Thunderstorm Wind (EG 52 kt) Source: Trained Spotter n August 9. Thunderstorm Wind (EG 52 kt) Source: Law Enforcement Thunderstorm Wind (MG 55 kt)
Vind gusts estimated to be 60 mph were of the country 3.5 S CEDAR RAPIDS [4] Vind gusts estimated to be 60 mph were of the country 3.2 WSW KENT Country CEDAR RAPIDS ARPT [4] A 63 mph wind gust was measured by the	2 miles northwest of Van Horne, IA a 41.95, -91.66]	st of Cedar Rapids	gust 9. 0 0 s, IA around 758 pr 0 0 0	Thunderstorm Wind (EG 52 kt) Source: Trained Spotter n August 9. Thunderstorm Wind (EG 52 kt) Source: Law Enforcement Thunderstorm Wind (MG 55 kt)
Vind gusts estimated to be 60 mph were of the country 3.5 S CEDAR RAPIDS [4] Vind gusts estimated to be 60 mph were of the country 3.2 WSW KENT Country 3.2 WSW KENT Country CEDAR RAPIDS ARPT [4] A 63 mph wind gust was measured by the	2 miles northwest of Van Horne, IA a 41.95, -91.66]	st of Cedar Rapids	gust 9. 0 0 s, IA around 758 pr 0 0 0	Thunderstorm Wind (EG 52 kt) Source: Trained Spotter n August 9. Thunderstorm Wind (EG 52 kt) Source: Law Enforcement Thunderstorm Wind (MG 55 kt)
Vind gusts estimated to be 60 mph were of the country 3.5 S CEDAR RAPIDS [4] Vind gusts estimated to be 60 mph were of the country 3.2 WSW KENT Country CEDAR RAPIDS ARPT [4] A 63 mph wind gust was measured by the	2 miles northwest of Van Horne, IA a 41.95, -91.66]	st of Cedar Rapids	gust 9. 0 0 s, IA around 758 pr 0 0 0	Thunderstorm Wind (EG 52 kt) Source: Trained Spotter In August 9. Thunderstorm Wind (EG 52 kt) Source: Law Enforcement Thunderstorm Wind (MG 55 kt) Source: ASOS
LINN COUNTY 3.5 S CEDAR RAPIDS [A Wind gusts estimated to be 60 mph were of JOHNSON COUNTY 3.2 WSW KENT CO Wind gusts estimated to be 50 to 60 mph v LINN COUNTY CEDAR RAPIDS ARPT	2 miles northwest of Van Horne, IA a 41.95, -91.66]	st of Cedar Rapids 805 pm August 9.	0 0 0 s, IA around 758 pr 0 0 0	Thunderstorm Wind (EG 52 kt) Source: Trained Spotter In August 9. Thunderstorm Wind (EG 52 kt) Source: Law Enforcement Thunderstorm Wind (MG 55 kt) Source: ASOS Thunderstorm Wind (MG 58 kt)
A 58 mph wind gust was measured about 2 LINN COUNTY 3.5 S CEDAR RAPIDS [4 Wind gusts estimated to be 60 mph were of the county 3.2 WSW KENT County 3.2 WSW KENT County CEDAR RAPIDS ARPT A 63 mph wind gust was measured by the LINN COUNTY CEDAR RAPIDS ARPT A 67 mph wind gust was measured by the LINN COUNTY CEDAR RAPIDS ARPT A 67 mph wind gust was measured by the LINN COUNTY 3.5 S CEDAR RAPIDS [4]	2 miles northwest of Van Horne, IA a 41.95, -91.66]	st of Cedar Rapids 805 pm August 9.	0 0 0 s, IA around 758 pr 0 0 0	Thunderstorm Wind (EG 52 kt) Source: Trained Spotter In August 9. Thunderstorm Wind (EG 52 kt) Source: Law Enforcement Thunderstorm Wind (MG 55 kt) Source: ASOS Thunderstorm Wind (MG 58 kt)
LINN COUNTY 3.5 S CEDAR RAPIDS [A Wind gusts estimated to be 60 mph were of COUNTY 3.2 WSW KENT COUNTY 3.2 WSW KENT COUNTY CEDAR RAPIDS ARPT [A 63 mph wind gust was measured by the LINN COUNTY CEDAR RAPIDS ARPT [A 67 mph wind gust was measured by the county CEDAR RAPIDS ARPT [A 67 mph wind gust was measured by the county CEDAR RAPIDS ARPT [A 67 mph wind gust was measured by the county CEDAR RAPIDS ARPT [A 67 mph wind gust was measured by the county CEDAR RAPIDS ARPT [A 67 mph wind gust was measured by the county CEDAR RAPIDS ARPT [A 67 mph wind gust was measured by the county CEDAR RAPIDS ARPT [A 67 mph wind gust was measured by the county CEDAR RAPIDS ARPT [A 67 mph wind gust was measured by the county CEDAR RAPIDS ARPT [A 67 mph wind gust was measured by the county CEDAR RAPIDS ARPT [A 67 mph wind gust was measured by the county CEDAR RAPIDS ARPT [A 67 mph wind gust was measured by the county CEDAR RAPIDS ARPT [A 67 mph wind gust was measured by the county CEDAR RAPIDS ARPT [A 67 mph wind gust was measured by the county CEDAR RAPIDS ARPT [A 67 mph wind gust was measured by the county CEDAR RAPIDS ARPT [A 67 mph wind gust was measured by the county CEDAR RAPIDS ARPT [A 67 mph wind gust was measured by the county CEDAR RAPIDS ARPT [A 67 mph wind gust was measured by the county CEDAR RAPIDS ARPT [A 67 mph wind gust was measured by the county CEDAR RAPIDS ARPT [A 67 mph wind gust was measured by the county CEDAR RAPIDS ARPT [A 67 mph wind gust was measured by the county CEDAR RAPIDS ARPT [A 67 mph wind gust was measured by the county CEDAR RAPIDS ARPT [A 67 mph wind gust was measured by the county CEDAR RAPIDS ARPT [A 67 mph wind gust was measured by the county CEDAR RAPIDS ARPT [A 67 mph wind gust was measured by the county CEDAR RAPIDS ARPT [A 67 mph wind gust was measured by the county CEDAR RAPIDS ARPT [A 67 mph wind gust was measured by the county CEDAR RAPIDS ARPT [A 67 mph wind gust w	2 miles northwest of Van Horne, IA a 41.95, -91.66]	st of Cedar Rapids 805 pm August 9.	0 0 0 s, IA around 758 pr 0 0 0	Thunderstorm Wind (EG 52 kt) Source: Trained Spotter In August 9. Thunderstorm Wind (EG 52 kt) Source: Law Enforcement Thunderstorm Wind (MG 55 kt) Source: ASOS Thunderstorm Wind (MG 58 kt)
LINN COUNTY 3.5 S CEDAR RAPIDS [A Wind gusts estimated to be 60 mph were of COUNTY 3.2 WSW KENT COUNTY CEDAR RAPIDS ARPT A 63 mph wind gust was measured by the LINN COUNTY CEDAR RAPIDS ARPT	2 miles northwest of Van Horne, IA a 41.95, -91.66]	st of Cedar Rapids 805 pm August 9.	gust 9. 0 0 s, IA around 758 pr 0 0 0 0	Thunderstorm Wind (EG 52 kt) Source: Trained Spotter In August 9. Thunderstorm Wind (EG 52 kt) Source: Law Enforcement Thunderstorm Wind (MG 55 kt) Source: ASOS Thunderstorm Wind (MG 58 kt) Source: ASOS

LINN COUNTY --- 2.8 S CEDAR RAPIDS [41.96, -91.66]

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Location	Date/Time	Deaths &	Property &	Event Type and Details
		Injuries	Crop Dmg	
	08/09/09 19:24 CST		0	Thunderstorm Wind (EG 61 kt)
	08/09/09 19:24 CST		0	Source: Trained Spotter

Wind gusts estimated to be 70 mph were observed about 1 mile southeast of Cedar Rapids, IA around 824 pm August 9.

A cold front stretching across the upper Midwest, coupled with warm moist air streaming northward across the area, brought scattered showers and isolated thunderstorms to portions of east central lowa and northern Illinois during the midday hours August 9. Some locations along the Highway 20 corridor saw rainfall amounts ranging from 1 to 2 inches from these storms. Afternoon high temperatures were in the upper 80s to lower 90s.

By late afternoon, showers and thunderstorms began to redevelop along the cold front in western lowa and spread eastward into the Mid-Mississippi Valley.

During the evening hours, these storms brought widespread rain to the Mid-Mississippi Valley. In addition, several of these storms became severe over eastern lowa producing winds gusts from 50 to 80 mph around the Cedar Rapids Area.

DES MOINES COUNTY 0.3 SE MIDDLETOWN [40.83, -91.26]					
08/19/09 12:50 CST	50K	Thunderstorm Wind (EG 61 kt)			
08/19/09 12:50 CST	0	Source: Newspaper			

Wind gusts estimated to be 70 mph damaged a farmstead near Middletown, IA around 150 pm August 19. A truck top lofted by the winds partially punctured a wall. Also, the residence sustained roof damage and some of the crops were flattened. This report was relayed by the Burlington Hawkeye.

BUCHANAN COUNTY 2.5 S STANLEY [42.61, -91.82], 2.1 ESE STANLEY [42.63, -91.79]					
08/19/09 15:30 CST	75K	Tornado (EF1, L: 2.20 mi , W: 100 yd)			
08/19/09 15:45 CST	0	Source: Emergency Manager			

An EF1 tornado touched down about 2.5 miles south of Stanley, IA around 430 pm August 19. It tracked to the northeast for about 2.2 miles before lifting about 2.1 miles east southeast of Stanley, IA around 445 pm. Wind speeds were estimated to be around 95 mph. Two farmsteads sustained damage. Two hog confinements were damaged. A residence lost most of its roof. A silo was damaged. The back wall of a pole building was blown out and trees were blown down.

JONES COUNTY 0.7 ENE MARTELLE [42.02, -91.36], 0.7 ENE MARTELLE [42.02, -91.36]					
08/19/09 16:20 CST	5K	Tornado (EF0, L: 0.05 mi , W: 50 yd)			
08/19/09 16:21 CST	0	Source: NWS Storm Survey			

An EF0 tornado touched down on the north end of Martelle, IA around 520 pm August 19. Wind speeds were estimated to be around 80 mph. The tornado snapped and uprooted some trees in the area. In addition, the west side of a storage building was damaged and portions of a corn field were flattened. It was also noted that some glass and dirt was splattered on the east side of a building.

JONES COUNTY 2.7 ENE MARTELLE [42.03, -91.32], 2.8 ENE MARTE	LLE [42.03, -91.32]	
08/19/09 16:23 CST	50K Thunde	erstorm Wind (EG 109 kt)
08/19/09 16:23 CST	0 Source	e: Emergency Manager

Wind gusts estimated to be 90 to 125 mph associated with a downburst damaged a farmstead on 70th Street about 1.5 miles east of Highway 1 or about 2.75 miles east northeast of Martelle, IA around 523 pm August 19. An old barn and a corn crib were destroyed and some large limbs of an old tree were broken off. Portions of the corn crib roof were scattered to the east.

Late morning and early afternoon sunshine was the fuel for a couple rounds of showers and thunderstorms across the region August

19. The storms brought heavy rain to most areas, with rainfall amounts between a half inch and and inch and a half common. In addition, tornadoes were reported from central Illinois all the way up to the Twin Cities. This included touchdowns near Stanley and Martelle, IA.

With all of the cloud cover during the afternoon, high temperatures only topped out in the upper 70s to lower 80s.

08/26/09 02:30 CST

LINN COUNTY 3.0 NW HIAWATHA [42.06, -9	1.72], 3.0 NE HIAWATHA [42.06, -91.64], 3.0	SE HIAWATHA [4	2.00, -91.64], 3.0 SW HIAWATHA [42.00,
-91.72]			
	08/26/09 00:30 CST	0	Flash Flood (due to Heavy Rain)

0

Heavy rains resulted in flash flooding of the Hiawatha Road in Hiawatha, IA during the early morning hours of August 26. Six to eight inches of water was covering the road.

MUSCATINE COUNTY --- 1.6 SW PLEASANT PRAIRIE [41.50, -90.90], 1.6 WSW FRUITLAND [41.34, -91.16], 4.0 NNE ARDON [41.45, -91.16], 4.7 W SWEETLAND CENTER [41.50, -91.07]

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Source: Law Enforcement

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/26/09 10:15 CST		0	Flash Flood (due to Heavy Rain)
	08/26/09 14:15 CST		0	Source: Trained Spotter

Heavy rains resulted in flash flooding of several roads, including Park Avenue, in Muscatine, IA during the late morning and afternoon hours of August 26. Mad creek rose out of its banks.

CLINTON COUNTY --- 3.2 SSW WELTON [41.86, -90.63], 2.6 NE CLINTON [41.86, -90.17], 1.7 ESE WEST CLINTON [41.81, -90.17], 3.5 S LOW MOOR [41.77, -90.27], 4.0 SSE GRAND MOUND [41.77, -90.63]

 08/26/09 10:57 CST
 0
 Flash Flood (due to Heavy Rain)

 08/26/09 16:00 CST
 0
 Source: Trained Spotter

Heavy rains resulted in flash flooding in the Clinton, IA and De Witt, IA during the late morning and afternoon hours of August 26. In Clinton, six to eight inches of water was covering Highway 30 at Camanche Avenue for a time. On the northeast side of De Witt, flooding was observed on 11th Street. The flood waters were several inches deep around 130 pm. Several roads were closed. Near Old Highway 30, Silver Creek flooded out of its banks during the late afternoon and early evening.

WASHINGTON COUNTY --- 1.4 SW CLAY [41.16, -91.95], 2.1 N RUBIO [41.25, -91.95], 4.9 WSW WASHINGTON ARPT [41.25, -91.77], 2.9 ESE BRIGHTON [41.16, -91.77]

Heavy rains resulted in flash flooding of several city streets and county roads in the southwestern part of Washington County during the afternoon and early evening of August 26. Several streets in Brighton, IA were flooded with the water at least 6 inches deep. Some residences in Brighton experienced flooding in their basements. In the Rubio, IA vicinity, several county roads were inundated with water. County officials also contributed to this report.

A stationary front draped across the region continued to bring cloudy skies, along with scattered showers and isolated thunderstorms to the Mid-Mississippi Valley August 26. Rainfall totals ranged from three quarters of an inch up to 5 inches or more in some locations. The torrential rainfall totals lead to some flash flooding across parts of the area.

CLINTON COUNTY --- 3.6 NNW TORONTO [41.95, -90.90], 4.1 E FOLLETTS [41.75, -90.30], 0.5 E CAMANCHE [41.67, -90.34], 4.5 SW BIG ROCK [41.73, -90.90]

-90.90]

 08/27/09 00:45 CST
 0.50M
 Flood (due to Heavy Rain)

 08/31/09 23:59 CST
 0
 Source: River/Stream Gage

SCOTT COUNTY --- 15.1 NNW DIXON [41.95, -90.90], 5.3 ESE MC CAUSLAND [41.75, -90.30], 0.5 E PRINCETON [41.67, -90.34], 1.2 NW NEW LIBERTY [41.73, -90.90]

Heavy rains during the last week of August resulted in the Wapsipinicon River near De Witt going above the moderate flood stage level of 11.5 feet around 145 am on August 27. It proceeded to rise above the major flood stage level of 12.5 feet and crest around 13.14 feet around 130 am on August 29. After falling off for a while, it rose to a secondary crest around 12.94 feet around 4 pm August 31. It fell back below its moderate flood stage level around 8 am September 2.

LINN COUNTY --- 2.9 WNW COGGON [42.30, -91.58], 2.1 NE COGGON [42.30, -91.50], 2.3 SSE PALISADES KEPLER SP [41.89, -91.50], 2.2 WNW (CID)CEDAR RAPIDS AR [41.89, -91.76], 2.0 W TODDVILLE [42.10, -91.76]

 08/27/09 07:24 CST
 0.50M
 Flash Flood (due to Heavy Rain)

 08/27/09 22:00 CST
 0
 Source: Law Enforcement

Heavy rains of 5 to 9 inches resulted in flash flooding of much of Linn County on August 27. Several streets and county roads were closed due to the flood waters. Some areas particularly hard hit were Cedar Rapids, Bertram, Central City, and Coggon. Some vehicles were stranded in the flood waters. Several residences experienced flooding in their basements. Numerous streams and creeks flooded out of their banks. Trained spotters and broadcast media also contributed to this report.

CLINTON COUNTY --- 1.7 NW WELTON [41.92, -90.62], 2.6 NE CHARLOTTE [42.00, -90.45], 1.4 S MALONE [41.80, -90.45], 2.9 ESE GRAND MOUND [41.80, -90.62]

Heavy rains of 3 to 6 inches resulted in some flash flooding across much of Clinton County on August 27. Some areas particularly hard hit were De Witt, Welton, and Charlotte. Several residences experienced flooded basements. Two large trees fell over due to erosion from running water in De Witt. Street flooding was also common across the area. Old Highway 61 had water over it in the Welton area. Some residences in Charlotte had to be evacuated due to the rising flood waters. An off-duty NWS employee also contributed to this report.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
BENTON COUNTY 5.0 NW GARRISO	ON [42.20, -92.22], 3.6 E SHELLSBURG	G [42.10, -91.80], 3	3.5 N BLAIRSTOW	N [41.95, -92.10], 3.6 SSW KEYSTONE
[41.95, -92.22]	08/27/09 08:50 CST		0.25M	Flash Flood (due to Heavy Rain)
	08/27/09 19:00 CST		0	Source: Trained Spotter
Heavy rains of 3 to 8 inches resulted in a Van Horne, Garrison, and Shellsburg. F Highway 30. Mud Creek also flooded or Several roads around Shellsburg were o	Prairie Creek experienced unprecedent ut of its banks. Much of the area exper	ed flooding. It floo ienced standing w	ded an entire past	ure and filled some ditches along
JONES COUNTY 9.5 WNW MONTICE	ELLO [42.30, -91.36], 6.0 NW TEMPLE	HILL [42.30, -91.0	05], 2.3 NNE HALE	[42.05, -91.05], 1.5 SSE LERCHS
ARPT [42.05, -91.36]	08/27/09 13:36 CST		0.50M	Flash Flood (due to Heavy Rain)
	08/27/09 21:00 CST		0	Source: Law Enforcement
OHNSON COUNTY 1.7 NW SOLON	08/27/09 17:54 CST	, -91.47], 1.7 ESE	0.10M	Flash Flood (due to Heavy Rain)
	08/27/09 22:00 CST		0	Source: Trained Spotter
WASHINGTON COUNTY 1.4 N RIVE [41.46, -91.60]	08/27/09 23:00 CST	SIDE [41.50, -91.5	0 0	SIDE [41.46, -91.53], 1.4 S RIVERSIDE Flash Flood (due to Heavy Rain) Source: Trained Spotter
Heavy rains resulted in considerable sta over-topping area roads around 7 pm.	unding water in the Riverside, IA area d	uring the evening	of August 27. The	flood waters were close to
MUSCATINE COUNTY 2.1 NW STOC STOCKTON [41.57, -90.90]	CKTON [41.60, -90.90], 3.9 ENE STOCK	KTON [41.60, -90.8	30], 3.7 E STOCKT	ON [41.57, -90.80], 1.7 WSW
5. 55K1 6K [+1.07, -30.30]	08/27/09 18:30 CST		0	Flash Flood (due to Heavy Rain)
	08/27/09 20:30 CST		0	Source: NWS Employee
Heavy rains resulted in flash flooding ald	ong Mud Creek near Stockton, IA durin	g the evening of A	ugust 27.	
SCOTT COUNTY 1.7 ESE NEW LIBE	RTY [41.71, -90.85], 1.2 SE MAYSVILL	LE STENDER AR	[41.66, -90.71], 1.7	SE MAYSVILLE [41.63, -90.71], 2.7
WNW PLAINVIEW [41.68, -90.85]	08/27/09 18:30 CST		0	Flash Flood (due to Heavy Rain)
	08/27/09 21:00 CST		0	Source: NWS Employee
Heavy rains resulted in flash flooding of were flooded.		ay 130 near Plainv		evening of August 27. Agricultural fields
Cloudy skies along with scattered sho rainfall amounts ranging from a few te Amounts in this area ranged from 3 to flooding.	nths of an inch up to 2 to 3 inches, a	heavier band or r	ain fell from Ceda	r Rapids to Dubuque.

Heavy rains during the last week of August resulted in the lowa River at Marengo going above the moderate flood stage level of 15.5 feet on August 27th around 930 am. It crested around 16.87 feet around 630 am August 28. After falling off for a while, it rose to a secondary crest around 16.79 feet around 630 am August 30. It finally fell back below the moderate flood stage level around 1030 am August 31.

08/27/09 08:30 CST

08/31/09 09:30 CST

-92.30]

IOWA COUNTY --- 5.9 WNW KOSZTA [41.86, -92.30], 3.5 NE EAST AMANA [41.86, -91.83], 2.4 SE HOMESTEAD [41.75, -91.83], 1.4 N VICTOR [41.75,

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Flood (due to Heavy Rain)

Source: River/Stream Gage

0.50M

0

DIVES COUNTY — 4.2 N STONE CITY [42.18, -91.36], 2.8 NE OXFORD MILLS [42.00, -90.90], 2.3 SE OXFORD MILLS [41.95, -90.90], 4.2 SSE OLIN [41.95, -91.03], 1.4 NNE LERCHS ARPT [42.99, -91.36] 08/27/99 15:00 CST 0.50M Flood (due to Heavy Rain) 08/28/09 16:00 CST 0.50M Flood (due to Heavy Rain) 08/28/09 16:00 CST 0.50M Flood (due to Heavy Rain) 08/28/09 16:00 CST 0.50M Flood (due to Heavy Rain) 16:5 feet around 4 pm on August 27. It created around 18.06 feet around 930 pm on August 27. It fell back below its moderate flood stage level of 16:5 feet around 5 pm August 28. RECKLIK COUNTY — 1.7 SSW COAL CREEK [41.41, -92.41], 2.9 NNE KEOTA [41.41, -91.95], 3.1 ENE RICHLAND [41.20, -91.95], 5.2 WNW HEDRICK [41.20, -92.41] 08/28/09 13:30 CST 0.50M Flood (due to Heavy Rain) 08/28/09 13:30 CST 0.50M Flood (due to Heavy Rain) 08/28/09 13:30 CST 0.50M Flood (due to Heavy Rain) 08/28/09 13:30 CST 0.50M Flood (due to Heavy Rain) 08/28/09 13:30 CST 0.50M Flood (due to Heavy Rain) 08/28/09 13:30 CST 0.50M Flood (due to Heavy Rain) 08/28/09 23:45 CST 0.50M Flood (due to Heavy Rain) 08/28/09 23:45 CST 0.50M Flood (due to Heavy Rain) 08/28/09 03:30 CST 0.25M Flood (due to Heavy Rain) 08/28/09 03:30 CST 0.25M Flood (due to Heavy Rain) 08/28/09 03:30 CST 0.25M Flood (due to Heavy Rain) 08/28/09 03:30 CST 0.25M Flood (due to Heavy Rain) 08/28/09 03:30 CST 0.25M Flood (due to Heavy Rain) 08/28/09 03:30 CST 0.25M Flood (due to Heavy Rain) 08/28/09 03:30 CST 0.25M Flood (due to Heavy Rain) 08/28/09 03:30 CST 0.25M Flood (due to Heavy Rain) 08/28/09 03:30 CST 0.50M Flood (due to Heavy Rain) 08/28/09 03:30 CST 0.50M Flood (due to Heavy Rain) 08/28/09 03:30 CST 0.50M Flood (due to Heavy Rain) 08/28/09 03:30 CST 0.50M Flood (due to Heavy Rain) 08/28/09 03:30 CST 0.50M Flood (due to Heavy Rain) 08/28/09 03:30 CST 0.50M Flood (due to Heavy Rain) 08/28/09 03:30 CST 0.50M Flood (due to Heavy Rain) 08/28/09 03:30 CST 0.50M Flood (due to Heavy Rain) 08/28/09 03:30 CST 0.50M Flood (due to Heavy Rain) 08/28/09 03:30 CST 0.50M Flood (due to Heavy Rain	Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
082709 10:30 CST 0.50M Flood (due to Heavy Rain) 083709 14:00 CST 0.50M Flood (due to Heavy Rain) 083709 14:00 CST 0.50M Flood (due to Heavy Rain) 083709 14:00 CST 0.50M Flood (due to Heavy Rain) 10 Source River/Stream Gage Heavy rains during the last week of August resulted in the English River at Kalona going above the moderate flood stage level of 16 feet on August 27 around 11:30 am. Licrested around 15.20 feet around 13.9 pm on August 27. After falling off for a while, it rose to a secondary and higher creat around 17.31 feet around 3 pm on August 29. It finally fell back below the moderate flood stage level around 3 pm August 30. 10 MES COUNTY4.2 N STONE CITY [42.16, -91.36], 2.6 NE CXFORD MILLS [42.00, -90.90], 2.3 SE CXFORD MILLS [41.95, -90.90], 4.2 SE CLIN 4(14.96, -91.99), 1.4 NINE LERCHS ARPT [42.00, -91.30] 082709 15:00 CST 0.50M Flood (due to Heavy Rain) 082709 15:00 CST 0.50M Flood (due to Heavy Rain) 082709 16:00 CST 0.50M Flood (due to Heavy Rain) 15.5 feet a round 4 pm on August 27. It crested around 18.08 feet around 930 pm on August 27. It fell back below its moderate flood stage level of 15.5 feet a round 4 pm August 28. KECKUK COUNTY 1.7 SSW COAL CREEK [41.41, -92.41], 2.9 NINE KECTA [41.41, -91.95], 3.1 ENE RICHLAND [41.20, -91.95], 5.2 WINW HEDRICK 41.20, -92.41] 082709 16:00 CST 0.50M Flood (due to Heavy Rain) 082709 16:00 CST 0.50M Flood (due to Heavy Rain) 082200 15:30 CST 0.50M Flood (due to Heavy Rain) 082200 15:30 CST 0.50M Flood (due to Heavy Rain) 082200 23 pm on August 27 around 5 pm. it crested around 20.33 feet around 1245 pm August 28. It fell balow the moderate flood stage level of 18 feet on August 27 around 5 pm. it crested around 5.05 feet around 1245 pm August 28. It fell below the moderate flood stage level of 18 feet on August 27 around 5 pm. it crested around 12.05 feet around 12.05 pm. on Source: River/Stream Gage DES MONES COUNTY 6.4 WSW DANVILLE WILSON ARPT [40.81, -91.43], 3.2 SSW DANVILLE WILSON ARPT [40.81, -91.39], 2.8 ESE SPRING 082000 0330 CST 0.		/ELLMAN [41.51, -91.95], 5.1 ENE RIV	/ERSIDE [41.51, -9	1.51], 5.9 ESE RIV	/ERSIDE [41.46, -91.49], 6.1 W
18/30/00 14:00 CST 0 Source: River/Stream Gage 18/40/00 CST 0 Source: River/Stream Gage 18/40/00 CST 0 Source: River/Stream Gage 18/40/00 14:00 CST 0 Source: River/Stream Gage 18/40/00 CST 0 Source: River/Stream Gage 18/40/00 14:00 CST 0 Source: River/Stream Gage 18/40/00 CST 0 Source: Rive	WELLIMAN [41.46, -91.95]	08/27/09 10:30 CST		0.50M	Flood (due to Heavy Rain)
an August 27 around 1310 am. It crested around 16.82 feet around 1310 pm on August 27. After failing off for a while, it rose to a secondary and higher crest around 17.81 feet around 3 pm August 29. It finally fell back below the moderate flood stage level around 3 pm August 30. JONES COUNTY — 4.2 N STONE CITY (42.18, 91.36), 2.6 NE OXFORD MILLS (42.00, 90.90), 2.3 SE OXFORD MILLS [41.95, 90.90), 4.2 SSE OLIN (41.95, 91.09), 1.4 NNE LERCHS ARPT [42.09, 91.36) B027/09 15.00 CST 0.50M Flood (due to Heavy Rain) 08/27/09 CST 0.50M Fl		08/30/09 14:00 CST		0	
41.95, -91.09], 1.4 NNE LERCHS ARPT [42.09, -91.36] 08/27/09 15.00 CST 08/28/09 16.00 CST 0 Source: River/Stream Gage Heavy rains during the last week of August resulted in the Wapsipinicon River at Anamosa going above the moderate flood stage level of 15.5 feet around 4 pm on August 27. It crested around 18.08 feet around 930 pm on August 27. It fell back below its moderate flood stage evel of 15.5 feet around 4 pm on August 22. It crested around 18.08 feet around 930 pm on August 27. It fell back below its moderate flood stage evel around 5 pm August 28. Record 24.11, 2.9 NNE KEOTA [41.41, -91.95], 3.1 ENE RICHLAND [41.20, -91.95], 5.2 WNW HEDRICK [41.20, -92.41] 08/27/09 16.00 CST 0.50M Flood (due to Heavy Rain) 08/27/09 16.00 CST 0.50M Flood (due to Heavy Rain) 08/29/09 13:30 CST 0.50M Flood (due to Heavy Rain) 08/29/09 13:30 CST 0.50M Flood (due to Heavy Rain) 08/29/09 13:30 CST 0.50M Flood (due to Heavy Rain) 08/29/09 13:30 CST 0.50M Flood (due to Heavy Rain) 08/29/09 13:30 CST 0.50M Flood (due to Heavy Rain) 08/29/09 13:30 CST 0.50M DES MOINES COUNTY — 6.4 WSW DANVILLE WILSON ARPT [40.81, -91.43], 3.2 SSW DANVILLE WILSON ARPT [40.81, -91.35], 2.5 ESE SPRING 08/31/09 23:45 CST 0.50M Claus Flood (due to Heavy Rain) 08/31/09 23:45 CST 0.50M Flood (due to Heavy Rain) 08/31/09 23:45 CST 0.50M Flood (due to Heavy Rain) 08/31/09 23:45 CST 0.50M Flood (due to Heavy Rain) 08/31/09 23:45 CST 0.50M Flood (due to Heavy Rain) 08/31/09 23:45 CST 0.50M Flood (due to Heavy Rain) 08/31/09 23:45 CST 0.50M Flood (due to Heavy Rain) 08/31/09 23:45 CST 0.50M Flood (due to Heavy Rain) 08/31/09 23:45 CST 0.50M Flood (due to Heavy Rain) 08/31/09 23:45 CST 0.50M Flood (due to Heavy Rain) 08/31/09 23:55 CST 0.50M Flood (due to Heavy Rain) 08/31/09 23:59 CST 0.50M Flood (due to Heavy Rain) 08/31/09 23:59 CST 0.50M Flood (due to Heavy Rain) 08/31/09 23:59 CST 0.50M Flood (due to Heavy Rain) 08/31/09 23:59 CST 0.50M Flood (due to Heavy Rain) 08/31/09 23:59 CST 0.50M Flood (due to Heavy Rain) 08/31/09 23:59 CST 0.50M Flood (due to He	on August 27 around 1130 am. It creste	ed around 16.82 feet around 1130 pm	on August 27. A	fter falling off for a	a while, it rose to a
08/27/09 15:00 CST 0.50M Flood (due to Heavy Rain) 08/28/09 16:00 CST 0 Source: River/Steram Gage Heavy rains during the last week of August resulted in the Wapsipinicon River at Anamosa going above the moderate flood stage level of 16:5 feet around 4 pm on August 27. It crested around 18:08 feet around 390 pm on August 27. It fell back below its moderate flood stage level of 16:5 feet around 5 pm August 28. KEOKUK COUNTY — 1.7 SSW COAL CREEK [41.41, -92.41], 2.9 NNE KEOTA [41.41, -91.95], 3.1 ENE RICHLAND [41.20, -91.95], 5.2 WNW HEDRICK 411.20, -92.41] 08/27/09 16:00 CST 0.50M Flood (due to Heavy Rain) 08/29/09 13:30 CST 0.50M Flood (due to Heavy Rain) 08/29/09 13:30 CST 0.50M Flood (due to Heavy Rain) 18 feet on August 72 around 5 pm. It crested around 20:53 feet around 1245 pm August 28. It fell below the moderate flood stage level of 18 feet on August 27 around 5 pm. It crested around 20:53 feet around 1245 pm August 28. It fell below the moderate flood stage level around 20 pm on August 29. DES MOINES COUNTY — 6.4 WSW DANVILLE WILSON ARPT [40.81, -91.43], 3.2 SSW DANVILLE WILSON ARPT [40.81, -91.35], 2.5 ESE SPRING GROVE [40.71, -91.11], 5.3 SSE SPRING GROVE [40.66, -91.11] 08/28/09 09:03 CST 0.25M Flood (due to Heavy Rain) 08/28/09 09:03 CST 0.25M Flood (due to Heavy Rain) 08/28/09 09:03 CST 0.25M Flood (due to Heavy Rain) 08/28/09 09:03 CST 0.25M Flood (due to Heavy Rain) 08/28/09 09:03 CST 0.25M Flood (due to Heavy Rain) 08/28/09 09:03 CST 0.25M Flood (due to Heavy Rain) 08/28/09 09:03 CST 0.25M Flood (due to Heavy Rain) 08/28/09 09:03 CST 0.25M Flood (due to Heavy Rain) 08/28/09 09:03 CST 0.25M Flood (due to Heavy Rain) 08/28/09 09:03 CST 0.5M 0.25M Flood (due to Heavy Rain) 08/28/09 09:03 CST 0.5M 0.25M Flood (due to Heavy Rain) 08/28/09 09:03 CST 0.5M 0.25M Flood (due to Heavy Rain) 08/28/09 09:03 CST 0.5M 0.25M Flood (due to Heavy Rain) 08/28/09 09:03 CST 0.5M 0.25M Flood (due to Heavy Rain) 08/28/09 09:03 CST 0.5M 0.25M Flood (due to Heavy Rain) 08/28/09 09:03 CST 0.5M 0.25M 0.25M 0.25M Flood (d			S [42.00, -90.90],	2.3 SE OXFORD M	IILLS [41.95, -90.90], 4.2 SSE OLIN
Heavy rains during the last week of August resulted in the Wapsipinicon River at Anamosa going above the moderate flood stage level of 15.5 feet around 4 pm on August 27. It crested around 18.08 feet around 930 pm on August 27. It fell back below its moderate flood stage even around 5 pm August 28. KEOKUK COUNTY — 1.7 SSW COAL CREEK [41.41, -92.41], 2.9 NNE KEOTA [41.41, -91.95], 3.1 ENE RICHLAND [41.20, -91.95], 5.2 WMW HEDRICK [41.20, -92.41] 08/27/09 16.00 CST 0.50M Flood (due to Heavy Rain) 08/27/09 16.00 CST 0.50M Flood (due to Heavy Rain) 08/27/09 16.00 CST 0.50M Flood (due to Heavy Rain) 08/27/09 16.00 CST 0.50M Flood (due to Heavy Rain) 08/27/09 16.00 CST 0.50M Flood (due to Heavy Rain) 08/27/09 16.00 CST 0.50M Flood (due to Heavy Rain) 08/27/09 16.00 CST 0.50M Flood (due to Heavy Rain) 08/27/09 16.00 CST 0.50M Flood (due to Heavy Rain) 08/27/09 0.30 CST 0.25M Flood (due to Heavy Rain) 08/27/09 23.45 CST 0.50M Flood (due to Heavy Rain) 08/27/09 23.59 CST 0.50M Flood (due to Heavy Rain) 08/27/09 23.59 CST 0.50M Flood (due to Heavy Rain) 08/27/09 23.59	[41.95, -91.09], 1.4 NNE LERCHS ARPT			0.50M	Flood (due to Heavy Rain)
Heavy rains during the last week of August resulted in the Wapsiphicon River at Anamosa going above the moderate flood stage level of 15.5 feet around 4 pm on August 27. It crested around 18.08 feet around 930 pm on August 27. It fell back below its moderate flood stage evel around 5 pm August 28. KECKUK COUNTY — 1.7 SSW COAL CREEK [41.41, -92.41], 2.9 NNE KECTA [41.41, -91.95], 3.1 ENE RICHLAND [41.20, -91.95], 5.2 WNW HEDRICK 41.20, -92.41] 08/27/09 16:00 CST					
08/29/09 13:30 CST 0.50M Flood (due to Heavy Rain) 08/29/09 13:30 CST 0.50M Flood (due to Heavy Rain) 08/29/09 13:30 CST 0.50M Flood (due to Heavy Rain) 08/29/09 13:30 CST 0.50M Flood (due to Heavy Rain) 18/29/29/29/29/29/29/29/29/29/29/29/29/29/		REEK [41.41, -92.41], 2.9 NNE KEOT.	A [41.41, -91.95], 3	3.1 ENE RICHLAND	D [41.20, -91.95], 5.2 WNW HEDRICK
deavy rains during the last week of August resulted in the North Skunk River at Sigourney going above the moderate flood stage level of 18 feet on August 27 around 5 pm. It crested around 20.53 feet around 1245 pm August 28. It fell below the moderate flood stage level or 18 feet on August 29. DES MOINES COUNTY 6.4 WSW DANVILLE WILSON ARPT [40.81, -91.43], 3.2 SSW DANVILLE WILSON ARPT [40.81, -91.35], 2.5 ESE SPRING SROVE [40.71, -91.11], 5.3 SSE SPRING GROVE [40.66, -91.11] 08/28/09 00:30 CST 08/31/09 23:45 CST 0 Source: River/Stream Gage DEE COUNTY 5.5 ENE ST PAUL [40.81, -91.43], 5.6 N DENMARK [40.81, -91.35], 6.3 E WEVER [40.71, -91.11], 7.5 ESE WEVER [40.66, -91.11] 08/28/09 00:30 CST 0.25M Flood (due to Heavy Rain) 08/28/09 00:30 CST 0.25M Flood (due to Heavy Rain) 08/31/09 23:45 CST 0 Source: River/Stream Gage deavy rains during the last week of August resulted in the Skunk River at Augusta going above the moderate flood stage level of 17 feet around 130 am on August 28. It crested around 17.89 feet around 12 pm on August 28. After falling off for a flood stage level of 17 feet around 130 am on August 28. It crested around 830 pm August 29. It fell back below the moderate flood stage level around 1245 am on September 1. OUISA COUNTY 4.1 NNW GLADWIN [41.42, -91.48], 4.5 NE GLADWIN [41.42, -91.40], 3.7 E TOOLESBORO [41.16, -91.00], 3.3 SE OAKVILLE [41.07, 91.00], 1.3 WSW NEWPORT [41.07, -91.20], 0.7 W COTTER [41.30, -91.48] 08/29/09 03:30 CST 0.50M Flood (due to Heavy Rain) 08/31/09 23:59 CST 0.50M Flood (due to Heavy Rain) 08/31/09 23:59 CST 0.50M Flood (due to Heavy Rain) 08/31/09 23:59 CST 0.50M Flood (due to Heavy Rain) 10.503/30 am September 1. The lowa River at Columbus Junction also rose above its moderate flood stage level around 1130 pm August 30. It crested round 22.22 feet around 22.22 feet around 22.22 feet around 21.30, it fell below the moderate flood stage level around 1130 pm August 30.	41.20, -92.41]	00/07/22 12 22 22		0.501	
Heavy rains during the last week of August resulted in the North Skunk River at Sigourney going above the moderate flood stage level of 18 feet on August 27 around 5 pm. It crested around 20.53 feet around 1245 pm August 28. It fell below the moderate flood stage level around 230 pm on August 29. DES MOINES COUNTY 6.4 WSW DANVILLE WILSON ARPT [40.81, -91.43], 3.2 SSW DANVILLE WILSON ARPT [40.81, -91.35], 2.5 ESE SPRING 3ROVE [40.66, -91.11]					· · ·
LEE COUNTY 5.5 ENE ST PAUL [40.81, -91.43], 5.6 N DENMARK [40.81, -91.35], 6.3 E WEVER [40.71, -91.11], 7.5 ESE WEVER [40.66, -91.11] 08/28/09 00:30 CST 0.25M Flood (due to Heavy Rain) 08/31/09 23:45 CST 0 Source: River/Stream Gage deavy rains during the last week of August resulted in the Skunk River at Augusta going above the moderate flood stage level of 17 feet around 130 am on August 28. It crested around 17.89 feet around 12 pm on August 28. After falling off for a while, it rose to a secondary and higher crest of 18.59 feet around 830 pm August 29. It fell back below the moderate flood stage level around 1245 am on September COUISA COUNTY 4.1 NNW GLADWIN [41.42, -91.48], 4.5 NE GLADWIN [41.42, -91.40], 3.7 E TOOLESBORO [41.16, -91.00], 3.3 SE OAKVILLE [41.07, -91.00], 1.3 WSW NEWPORT [41.07, -91.20], 0.7 W COTTER [41.30, -91.48] 08/29/09 04:30 CST 0.50M Flood (due to Heavy Rain) 08/31/09 23:59 CST 0.50M Flood (due to Heavy Rain) 08/31/09 23:59 CST 0.50M Flood (due to Heavy Rain) Source: River/Stream Gage deavy rains during the last week of August resulted in the lowa River at Wapello going above the moderate flood stage level of 22 feet an August 29 around 530 am. It crested around 23.37 feet around 1245 am August 31. It fell below the moderate flood stage level around 12 pm. It crested around 22.22 feet around 2 pm August 30. It fell below the moderate flood stage level around 1130 pm August 30. AUSCATINE COUNTY 5.2 WNW WEST LIBERTY [41.60, -91.37], 1.7 NE WILTON [41.60, -91.00], 3.8 SSW CRANSTON [41.33, -91.30], 3.6 SSW CONESVILLE [41.33, -91.37]		G GROVE [40.66, -91.11]	i], 3.2 SSW DANVI		
LEE COUNTY 5.5 ENE ST PAUL [40.81, -91.43], 5.6 N DENMARK [40.81, -91.35], 6.3 E WEVER [40.71, -91.11], 7.5 ESE WEVER [40.66, -91.11] 08/28/09 00:30 CST 0.25M Flood (due to Heavy Rain) 08/31/09 23:45 CST 0 Source: River/Stream Gage Heavy rains during the last week of August resulted in the Skunk River at Augusta going above the moderate flood stage level of 17 feet around 130 am on August 28. It crested around 17.89 feet around 12 pm on August 28. After falling off for a while, it rose to a secondary and higher crest of 18.59 feet around 830 pm August 29. It fell back below the moderate flood stage level around 1245 am on September 1. LOUISA COUNTY 4.1 NNW GLADWIN [41.42, -91.48], 4.5 NE GLADWIN [41.42, -91.40], 3.7 E TOOLESBORO [41.16, -91.00], 3.3 SE OAKVILLE [41.07, -91.00], 1.3 WSW NEWPORT [41.07, -91.20], 0.7 W COTTER [41.30, -91.48] 08/29/09 04:30 CST 0.50M Flood (due to Heavy Rain) 08/31/09 23:59 CST 0 Source: River/Stream Gage Heavy rains during the last week of August resulted in the lowa River at Wapello going above the moderate flood stage level of 22 feet on August 29 around 530 am. It crested around 22.37 feet around 1245 am August 31. It fell below the moderate flood stage level around 430 am September 1. The lowa River at Columbus Junction also rose above its moderate flood stage level of 22 feet on August 30 around 12 pm. It crested around 22.22 feet around 2 pm August 30. It fell below the moderate flood stage level around 1130 pm August 30. MUSCATINE COUNTY 5.2 WNW WEST LIBERTY [41.60, -91.37], 1.7 NE WILTON [41.60, -91.00], 3.8 SSW CRANSTON [41.33, -91.30], 3.6 SSW CONESVILLE [41.33, -91.37]					
08/28/09 00:30 CST 0.25M Flood (due to Heavy Rain) 08/31/09 23:45 CST 0.25M Source: River/Stream Gage deavy rains during the last week of August resulted in the Skunk River at Augusta going above the moderate flood stage level of 17 feet round 130 am on August 28. It crested around 17.89 feet around 12 pm on August 28. After falling off for a while, it rose to a secondary and higher crest of 18.59 feet around 830 pm August 29. It fell back below the moderate flood stage level around 1245 am on September COUISA COUNTY 4.1 NNW GLADWIN [41.42, -91.48], 4.5 NE GLADWIN [41.42, -91.40], 3.7 E TOOLESBORO [41.16, -91.00], 3.3 SE OAKVILLE [41.07, 191.00], 1.3 WSW NEWPORT [41.07, -91.20], 0.7 W COTTER [41.30, -91.48] 08/29/09 04:30 CST 0.50M Flood (due to Heavy Rain) 08/29/09 04:30 CST 0.50M Flood (due to Heavy Rain) 08/31/09 23:59 CST 0.50M Flood (due to Heavy Rain) 08/31/09 23:59 CST 0.50M Flood (due to Heavy Rain) 08/29/09 04:30 CST 0.50M Flood (due to Heavy Rain) 08/29/09 04:30 CST 0.50M Flood (due to Heavy Rain) 08/29/09 04:30 CST 0.50M Flood (due to Heavy Rain) 08/29/09 04:30 CST 0.50M Flood (due to Heavy Rain) 08/29/09 04:30 CST 0.50M Flood (due to Heavy Rain) 08/29/09 04:30 CST 0.50M Flood (due to Heavy Rain) 108/29/09 04:30 CST 0.50M Flood (due to Heavy Rain) 08/29/09 04:30 CST 0.50M Flood (due to Heavy Rain) 108/29/09 04:30 CST 0.50M Flood (due to Heavy Rain) 108/29/09 04:30 CST 0.50M Flood (due to Heavy Rain) 108/29/09 04:30 CST 0.50M Flood (due to Heavy Rain) 108/29/09 04:30 CST 0.50M Flood (due to Heavy Rain) 108/29/09 04:30 CST 0.50M Flood (due to Heavy Rain) 108/29/09 04:30 CST 0.50M Flood (due to Heavy Rain) 108/29/09 04:30 CST 0.50M Flood (due to Heavy Rain) 108/29/09 04:30 CST 0.50M Flood (due to Heavy Rain) 108/29/09 04:30 CST 0.50M Flood (due to Heavy Rain) 108/29/09 04:30 CST 0.50M Flood (due to Heavy Rain) 108/29/09 04:30 CST 0.50M Flood (due to Heavy Rain) 108/29/09 04:30 CST 0.50M Flood (due to Heavy Rain) 108/29/09 04:30 CST 0.50M Flood (due to Heavy Rain) 108/29/0		33.3 1.33 23.13 33.		· ·	Course, Caronicadam Cago
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CONESVILLE [41.33, -91.37]			=	=	-
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US/29/U9 ThTULUST U 50M Flood (due to Heavi/ Rain)	CONESVILLE [41.33, -91.37]	08/29/09 16:00 CST		0.50M	Flood (due to Heavy Rain)

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0

Source: River/Stream Gage

08/30/09 20:00 CST

around 9 pm August 30.

Heavy rains during the last week of August resulted in the Cedar River near Conesville, IA going above the moderate flood stage level of 15 feet on August 29 around 5 pm. It crested around 15.4 feet around 415 am August 30. It fell below the moderate flood stage level

Location Date/Time Deaths & Property & Event Type and Details Injuries Crop Dmg

MISSOURI, Northeast

CLARK COUNTY --- KAHOKA [40.42, -91.72]

08/04/09 05:25 CST 0 Source: Public

Dime-sized hail fell in Kahoka, MO around 625 am August 4. This report was relayed by KMEM Radio.

Dime-sized hail fell in Kahoka, MO around 625 am August 4.

CLARK COUNTY --- 1.5 SSE WINCHESTER [40.30, -91.61], 2.5 WNW GREGORY LNDG [40.30, -91.54], 2.1 SSW GREGORY LNDG [40.25, -91.51], 3.0 ESE

ST PATRICK [40.25, -91.58]

 08/17/09 04:00 CST
 0
 Flash Flood (due to Heavy Rain)

 08/17/09 06:05 CST
 0
 Source: Law Enforcement

Heavy rains resulted in the flash flooding of Highway 61/27 about 3 miles southwest of Gregory Landing, MO during the predawn hours of August 17. The flood waters were flowing across the highway near the county line for a time. Officers reported that the water had receded by 705 am.

Heavy rains resulted in the flash flooding of Highway 61/27 about 3 miles southwest of Gregory Landing, MO during the predawn hours of August 17. The flood waters were flowing across the highway near the county line for a time. Officers reported that the water had receded by 705 am.

CLARK COUNTY --- 3.9 WNW ANSON [40.61, -91.83], 2.8 NNW ATHENS [40.61, -91.73], 0.4 N ST PATRICK [40.27, -91.63], 4.3 SSW ANTIOCH [40.27, -91.74]

08/27/09 16:50 CST

0 Flash Flood (due to Heavy Rain)

08/27/09 20:00 CST 0 Source: Trained Spotter

Heavy rains resulted in flash flooding in parts of Clark County during the late afternoon and evening of August 27. The flood waters washed gavel 3 inches deep onto Highway 81 about 1.5 miles north of the Fox River Bridge or about 4 miles north northwest of Kahoka, MO just before 6 pm.

Cloudy skies along with scattered showers and thunderstorms continued across much of the area August 27. Heavy rains resulted in flash flooding in parts of northeast Missouri.

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